



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

9356
Dr. Umbreen

To: Muhammad Bilal
Lot No.41, Rakh Dagaranwali Janoobi Dakhana, Barkat Wala, Bhakkar
Project: Nil

Our Ref. No. CL/CED/ 9074 Dated: 22-10-19
Your Ref. No. Nil Dated: 17-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-10-19 Tested on: 21-10-19 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	Slab Mazanine Floor A	2	9	2019	6Diax12	14	28.28	64	4990	Non Engraved
2	Slab Mazanine Floor B	2	9	2019	6Diax12	14.2	28.28	55	4290	Non Engraved
3	Slab Mazanine Floor C	2	9	2019	6Diax12	14	28.28	73	5690	Non Engraved
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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"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab) Director/Dy. Director Concrete Laboratory



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

9366

To: Abid Maan (Project Manager)
One Liberty, Lahore
Project: "Construction of Shopping Mall 18+4 at One Liberty" Noor Jehan Road, Gulberg III, Lahore

Dr. Umbreen

Our Ref. No. CL/CED/ 9075 Dated: 22-10-19
Your Ref. No. OL/2019/10/03 Dated: 19-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 21-10-19 Tested on: 21-10-19 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	2nd Floor Column	6	9	2019	6Diax12	14	28.28	79	6160	Non Engraved
2	2nd Floor Column	6	9	2019	6Diax12	14	28.28	81	6320	Non Engraved
3	2nd Floor Column	15	9	2019	6Diax12	14	28.28	87	6780	Non Engraved
4	2nd Floor Column	15	9	2019	6Diax12	14	28.28	96	7490	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

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate District Kasur (Package-Q)

9338
Dr. Umbreen

Our Ref. No. CL/CED/ 9076 Dated: 22-10-19
Your Ref. No. RE/PEPAC/WWC/KSR/2019/134 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-39/12 2nd Floor Col.	27	8	2019	6x6x6	8.6	36	73	4550	Engraved
2	Block Q-39/12 2nd Floor Col.	27	8	2019	6x6x6	8.8	36	75	4670	Engraved
3	Block Q-39/12 2nd Floor Col.	27	8	2019	6x6x6	9	36	65	4050	Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
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9338
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9077 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/136 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-59/08 3rd Floor Col.	30	8	2019	6x6x6	9	36	77	4800	Engraved
2	Block Q-59/08 3rd Floor Col.	30	8	2019	6x6x6	9	36	81	5040	Engraved
3	Block Q-59/08 3rd Floor Col.	30	8	2019	6x6x6	8.8	36	98	6100	Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

9338

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate District Kasur (Package-Q)

Dr. Umbreen

Our Ref. No. CL/CED/ 9078 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/137 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-73/05 3rd Floor Slab	31	8	2019	6x6x6	9	36	96	5980	Engraved
2	Block Q-73/05 3rd Floor Slab	31	8	2019	6x6x6	9	36	77	4800	Engraved
3	Block Q-73/05 3rd Floor Slab	31	8	2019	6x6x6	9	36	77	4800	Engraved
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Phone Nos. 042-99029202, 042-99029217

9338
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9079 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/138 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-60/09 3rd Floor Col.	2	9	2019	6x6x6	8.6	36	55	3430	Engraved
2	Block Q-60/09 3rd Floor Col.	2	9	2019	6x6x6	8.2	36	69	4300	Engraved
3	Block Q-60/09 3rd Floor Col.	2	9	2019	6x6x6	8.8	36	67	4170	Engraved
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9338
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9080 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/139 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-58/07 2nd Floor Slab	2	9	2019	6x6x6	8.4	36	69	4300	Engraved
2	Block Q-58/07 2nd Floor Slab	2	9	2019	6x6x6	8.8	36	63	3920	Engraved
3	Block Q-58/07 2nd Floor Slab	2	9	2019	6x6x6	8.6	36	67	4170	Engraved
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9338
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9081 Dated: 22-10-19
Your Ref. No. RE/PEPAC/WWC-K/Q-140 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-58/07 3rd Floor Col.	6	9	2019	6x6x6	9	36	83	5170	Engraved
2	Block Q-58/07 3rd Floor Col.	6	9	2019	6x6x6	9	36	83	5170	Engraved
3	Block Q-58/07 3rd Floor Col.	6	9	2019	6x6x6	8.6	36	61	3800	Engraved
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Phone Nos. 042-99029202, 042-99029217

9338
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9082 Dated: 22-10-19

Your Ref. No. /PEPAC/WWC-K/2019/Q-142 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-54/11 1st Floor Slab	7	9	2019	6x6x6	9	36	77	4800	Engraved
2	Block Q-54/11 1st Floor Slab	7	9	2019	6x6x6	9	36	83	5170	Engraved
3	Block Q-54/11 1st Floor Slab	7	9	2019	6x6x6	9	36	88	5480	Engraved
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To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Dr. Umbreen

Our Ref. No. CL/CED/ 9083 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/143 Dated: 09-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-57/06 2nd Floor Col.	11	9	2019	6x6x6	8.6	36	71	4420	Engraved
2	Block Q-57/06 2nd Floor Col.	11	9	2019	6x6x6	9	36	94	5850	Engraved
3	Block Q-57/06 2nd Floor Col.	11	9	2019	6x6x6	9	36	88	5480	Engraved
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9338

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Dr. Umbreen

Our Ref. No. CL/CED/ 9084 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/144 Dated: 09-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-55/10 1st Floor Slab	11	9	2019	6x6x6	8.8	36	65	4050	Engraved
2	Block Q-55/10 1st Floor Slab	11	9	2019	6x6x6	8.8	36	71	4420	Engraved
3	Block Q-55/10 1st Floor Slab	11	9	2019	6x6x6	8.6	36	67	4170	Engraved
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To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9085 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/145 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-54/11 2nd Floor Col.	16	9	2019	6x6x6	8.8	36	69	4300	Non Engraved
2	Block Q-54/11 2nd Floor Col.	16	9	2019	6x6x6	8.8	36	67	4170	Non Engraved
3	Block Q-54/11 2nd Floor Col.	16	9	2019	6x6x6	9	36	73	4550	Non Engraved
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* as engraved on the specimens (if any)
** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab) Director/Dy. Director Concrete Laboratory



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

9338
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9086 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/146 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-60/09 3rd Floor Slab	16	9	2019	6x6x6	9	36	63	3920	Non Engraved
2	Block Q-60/09 3rd Floor Slab	16	9	2019	6x6x6	8.8	36	63	3920	Non Engraved
3	Block Q-60/09 3rd Floor Slab	16	9	2019	6x6x6	9	36	65	4050	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* as engraved on the specimens (if any)
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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"x12" 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

9338

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Dr. Umbreen

Our Ref. No. CL/CED/ 9087 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/148 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-55/10 2nd Floor Col.	23	9	2019	6x6x6	9	36	69	4300	Engraved
2	Block Q-55/10 2nd Floor Col.	23	9	2019	6x6x6	8.8	36	63	3920	Engraved
3	Block Q-55/10 2nd Floor Col.	23	9	2019	6x6x6	8.8	36	69	4300	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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"x12" 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

9338

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Dr. Umbreen

Our Ref. No. CL/CED/ 9088 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/149 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-39/12 2nd Floor Slab	26	9	2019	6x6x6	9	36	65	4050	Engraved
2	Block Q-39/12 2nd Floor Slab	26	9	2019	6x6x6	9	36	63	3920	Engraved
3	Block Q-39/12 2nd Floor Slab	26	9	2019	6x6x6	9	36	63	3920	Engraved
4										
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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"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab) Director/Dy. Director Concrete Laboratory



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

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

9338

Dr. Umbreen

Our Ref. No. CL/CED/ 9089 Dated: 22-10-19

Your Ref. No. /PEPAC/WWC/KSR/2019/150 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Weight	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
		/Wet Weight			(in)	(lbs./gms)	(Sq. in)	(Tons/lbs)	(Psi)	
		(gms)								
1	Block Q-57/06 2nd Floor Slab	2	10	2019	6x6x6	9	36	49	3050	Engraved
2	Block Q-57/06 2nd Floor Slab	2	10	2019	6x6x6	8.8	36	49	3050	Engraved
3	Block Q-57/06 2nd Floor Slab	2	10	2019	6x6x6	8.8	36	45	2800	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"diax12" cylinder) strength at 28 days as compressive strength

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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

9338

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Dr. Umbreen

Our Ref. No. CL/CED/ 9090 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/151 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-54/11 2nd Floor Slab	5	10	2019	6x6x6	8.8	36	63	3920	Engraved
2	Block Q-54/11 2nd Floor Slab	5	10	2019	6x6x6	9	36	61	3800	Engraved
3	Block Q-54/11 2nd Floor Slab	5	10	2019	6x6x6	9	36	69	4300	Engraved
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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)
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Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.



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

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

9338
Dr. Umbreen

Our Ref. No. CL/CED/ 9091 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/152 Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-39/12 3rd Floor Col.	7	10	2019	6x6x6	8.8	36	69	4300	Engraved
2	Block Q-39/12 3rd Floor Col.	7	10	2019	6x6x6	8.4	36	53	3300	Engraved
3	Block Q-39/12 3rd Floor Col.	7	10	2019	6x6x6	8.6	36	67	4170	Engraved
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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)
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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

9338

Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate,
District Kasur (Package-Q)

Our Ref. No. CL/CED/ 9092 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC-K/2019/Q-141 Dated: 03-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 in dry/wet condition

Sl. 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	Block Q-59/08 3rd Floor Slab	6	9	2019	6x6x6	8.8	36	83	5170	Engraved
2	Block Q-59/08 3rd Floor Slab	6	9	2019	6x6x6	9	36	81	5040	Engraved
3	Block Q-59/08 3rd Floor Slab	6	9	2019	6x6x6	8.8	36	83	5170	Engraved
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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)
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Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to

be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC (Pvt.) Ltd. Lahore
Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate, District Kasur (Package-Q)

9338
Dr. Umbreen

Our Ref. No. CL/CED/ 9093 Dated: 22-10-19
Your Ref. No. /PEPAC/WWC/KSR/2019/135 Dated: 30-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-19 Tested on: 21-10-19 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	Block Q-57/06 1st Floor Slab	28	8	2019	6x6x6	9	36	75	4670	Engraved
2	Block Q-57/06 1st Floor Slab	28	8	2019	6x6x6	9	36	81	5040	Engraved
3	Block Q-57/06 1st Floor Slab	28	8	2019	6x6x6	8.8	36	81	5040	Engraved
4										
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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)
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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

To: Brigadier Khawar Saeed (R), (Managing Partner)
SNK Constructions, Lahore
Project: Shafi Rezo

9373
Dr. Umbreen

Our Ref. No. CL/CED/9094Dated:22-10-19

Your Ref. No.SNKCostr/CubeTest/UET/5Dated:10-10-19

COMPRESSION TEST REPORT

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

Specimens received on:21-10-19Tested on:22-10-19in 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 : 2 : 4)	19	9	2019	6x6x6	8.6	36	25	1560	Engraved
2	(1 : 2 : 4)	22	9	2019	6x6x6	8.6	36	39	2430	Engraved
3										
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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"diax12" cylinder) strength at 28 days as compressive strength

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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

9297

To: XEN (O&M)-III, Ravi Town
WASA, LDA, Lahore. (M/s Ali Hassan Construction Co.)
Project: Tender No. XEN (O&M)-III/RT/145/2018-19/ Shifting / Replacement of Sewerage System due to Widening of Eik Moria Pul to Chan Miran Road in Misri Shah Sub Division.

Engr. A. Rehman

Our Ref. No. CL/CED/ 9095 Dated: 22-10-19
Your Ref. No. XEN (O&M)-III/RT/6340 Dated: 01-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-19 Tested on: 10-10-19 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	A5				8.8x4.3x2.9	3357	37.84	33	1960	
2	A5				8.8x4.4x2.9	3329	38.72	51	2950	
3	A5				8.8x4.3x2.8	3371	37.84	53	3140	
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

To: (M. Sharjeel Hussain), Executive Engineer, (O&M-II)
Gunj Baksh Town, WASA, LDA, Lahore.
Project: XEN (O&M-II) GBT/2017-18/121/13287-92 Dated 21.12.2017.

9298
Engr. A. Rehman

Our Ref. No. CL/CED/9096Dated:22-10-19

Your Ref. No.XEN (O&M-II) GBT/6451-52Dated:01-10-19

COMPRESSION TEST REPORT

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

Specimens received on:07-10-19Tested on:10-10-19in 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	A5				8.9x4.4x3.0	3213	39.16	58	3320	
2	A5				8.8x4.4x2.9	3310	38.72	55	3190	
3	A5				8.9x4.4x3.0	3271	39.16	58	3320	
4	A5				8.8x4.4x2.9	3252	38.72	47	2720	
5	A5				8.9x4.4x3.0	3229	39.16	39	2240	
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16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* as engraved on the specimens (if any)
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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

To: Sub Divisional Officer, Islam Pura Sub Division

WASA, LDA, Lahore.

Project: Improvement of Sewerage System at Hanif & Humayon Street, Rashid Park, Zubair & Imran Street, Nazish Colony in Islampura Sub Division, WASA, LDA, Lahore. (UC-65, PP-140, NA-120)

9299

Engr. A. Rehman

Our Ref. No. CL/CED/9097Dated:22-10-19

Your Ref. No. IP/SD/394Dated:07-10-19

COMPRESSION TEST REPORT

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

Specimens received on:07-10-19Tested on:10-10-19in 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	A5				8.9x4.4x2.9	3261	39.16	43	2460	
2	A5				8.8x4.4x2.9	3249	38.72	43	2490	
3	A5				8.8x4.3x2.8	3281	37.84	32	1900	
4										
5										
6										
7										
8										
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11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

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

Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

To: Ch. Abdul Ghafoor (Resident Engineer)

PEPAC (Pvt.) Ltd. Lahore

Project: Establishment of Workers Welfare Complex Adjacent to Sundar Industrial Estate, District Kasur (Package-Q)

9340

Dr. Umbreen

Our Ref. No. CL/CED/9098Dated:22-10-19

Your Ref. No. /PEPAC/WWC/KSR/2019/147Dated:14-10-19

COMPRESSION TEST REPORT

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

Specimens received on:16-10-19Tested on:21-10-19in 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	Block Q-58/07 3rd Floor Slab	19	9	2019	6x6x6	8.8	36	61	3800	Engraved
2	Block Q-58/07 3rd Floor Slab	19	9	2019	6x6x6	8.6	36	67	4170	Engraved
3	Block Q-58/07 3rd Floor Slab	19	9	2019	6x6x6	8.8	36	65	4050	Engraved
4										
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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"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