



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

To: Waseem G. Rasool  
Al-Habib Construction Company Pvt. Ltd. Lahore  
Project:CMPAK GSM Phase-IX, Site ID 42526, ODU BTS Foundation

7793  
Dr. Umbreen

Our Ref. No. CL/CED/ 6850 Dated: 02-01-19  
Your Ref. No. AHCC/CMPAK/D7/42526 Dated: 15-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-18 Tested on: 26-12-18 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		6	12	2018	6x6x6	8.4	36	90	5600	Non Engraved
2		6	12	2018	6x6x6	8	36	86	5360	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

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project: (Pkg-H) Estab. of Worker Welfare Complex (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/6851Dated:02-01-19

Your Ref. No. RE/PEPAC/WWC-K/H56Dated:24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	2nd Fl. Col.(B-93/1)	2	11	2018	6x6x6	8.2	36	45	2800	Non Engraved
2	2nd Fl. Col.(B-93/1)	2	11	2018	6x6x6	8.2	36	73	4550	Non Engraved
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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

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/6852Dated:02-01-19

Your Ref. No.RE/PEPAC/WWC-K/H64Dated:24-12-18

COMPRESSION TEST REPORT

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

Specimens received on:24-12-18Tested on:26-12-18in 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	Gr. Fl. Col.(B-65/9)	2	10	2018	6x6x6	8.4	36	67	4170	Non Engraved
2	Gr. Fl. Col.(B-65/9)	2	10	2018	6x6x6	8.2	36	81	5040	Non Engraved
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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

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project: (Pkg-H) Estab. of Worker Welfare Complex (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/ 6853 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H65 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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	Gr. Fl. Col.(B-64/10)	12	10	2018	6x6x6	8.4	36	88	5480	Non Engraved
2	Gr. Fl. Col.(B-64/10)	12	10	2018	6x6x6	8.4	36	67	4170	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project: (Pkg-H) Estab. of Worker Welfare Complex (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/ 6854 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H66 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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	Gr. Fl. Col.(B-52/11)	13	10	2018	6x6x6	8	36	69	4300	Non Engraved
2	Gr. Fl. Col.(B-52/11)	13	10	2018	6x6x6	8.2	36	86	5360	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project: (Pkg-H) Estab. of Worker Welfare Complex (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/ 6855 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H62 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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	Gr. Fl. Rf. Sl.(B-67/8)	5	11	2018	6x6x6	8.6	36	59	3680	Non Engraved
2	Gr. Fl. Rf. Sl.(B-67/8)	5	11	2018	6x6x6	8.6	36	83	5170	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/6856Dated:02-01-19

Your Ref. No.RE/PEPAC/WWC-K/H58Dated:24-12-18

COMPRESSION TEST REPORT

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

Specimens received on:24-12-18Tested on:26-12-18in 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. Rf. Sl.(B-80/3)	10	11	2018	6x6x6	8.2	36	75	4670	Non Engraved
2	F.F. Rf. Sl.(B-80/3)	10	11	2018	6x6x6	8	36	57	3550	Non Engraved
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supervisor(lab)

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

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/ 6857 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H60 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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	Gr. Fl. Col.(B-78/6)	6	11	2018	6x6x6	8.2	36	63	3920	Non Engraved
2	Gr. Fl. Col.(B-78/6)	6	11	2018	6x6x6	8.4	36	83	5170	Non Engraved
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Department of Civil Engineering  
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Phone Nos. 042-99029202, 042-99029217

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/6858Dated:02-01-19

Your Ref. No.RE/PEPAC/WWC-K/H57Dated:24-12-18

COMPRESSION TEST REPORT

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

Specimens received on:24-12-18Tested on:26-12-18in 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. Rf. Sl.(B-98/2)	7	10	2018	6x6x6	8	36	47	2930	Non Engraved
2	F.F. Rf. Sl.(B-98/2)	7	10	2018	6x6x6	8.4	36	77	4800	Non Engraved
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Director/Dy. Director Concrete Laboratory



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

7806  
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

Our Ref. No. CL/CED/ 6859 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H63 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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. Col.(B-67/8)	19	11	2018	6x6x6	8.2	36	67	4170	Non Engraved
2	F.F. Col.(B-67/8)	19	11	2018	6x6x6	8.4	36	69	4300	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

7806  
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

Our Ref. No. CL/CED/ 6860 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H59 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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	S.F. Col.(B-80/3)	15	11	2018	6x6x6	8.2	36	57	3550	Non Engraved
2	S.F. Col.(B-80/3)	15	11	2018	6x6x6	8.4	36	63	3920	Non Engraved
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7806  
Dr. Umbreen

To: Ch. Abdul Ghafoor (Resident Engineer)  
PEPAC Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

Our Ref. No. CL/CED/ 6861 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H61 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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. Col.(B-66/7)	14	11	2018	6x6x6	8.6	36	83	5170	Non Engraved
2	F.F. Col.(B-66/7)	14	11	2018	6x6x6	8.4	36	65	4050	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](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 Ltd. Lahore  
Project:(Pkg-H)Estab. of Worker Welfare Complex(Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

7806  
Dr. Umbreen

Our Ref. No. CL/CED/ 6862 Dated: 02-01-19  
Your Ref. No. RE/PEPAC/WWC-K/H60 Dated: 24-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 26-12-18 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. Col.(B-93/1)	6	10	2018	6x6x6	8.6	36	86	5360	Non Engraved
2	F.F. Col.(B-93/1)	6	10	2018	6x6x6	8.2	36	83	5170	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

7794

Dr. Umbreen

To: M/s Shahmeer Construction  
Iqbal House, Ghang Road,Sheikhupura  
Project:Ware House Building , Tapal Tea Pvt. Ltd. Raiwind Lahore

Our Ref. No. CL/CED/ 6863 Dated: 02-01-19

Your Ref. No. Nil Dated: 21-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-18 Tested on: 26-12-18 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	12	2018	6x6x6	9.2	36	83	5170	Non Engraved
2		8	12	2018	6x6x6	8.4	36	39	2430	Non Engraved
3		8	12	2018	6x6x6	8.6	36	37	2310	Non Engraved
4		10	12	2018	6x6x6	8.4	36	73	4550	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](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

7789  
Dr. Umbreen

To: M. Rizwan Shoukat (Project Incharge)  
WASO, PAEC, GINUM Gujranwala  
Project:Ground Floor Slab

Our Ref. No. CL/CED/ 6864 Dated: 02-01-19  
Your Ref. No. Nil Dated: 20-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-18 Tested on: 26-12-18 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		15	12	2018	6x6x6	8.4	36	69	4300	Non Engraved
2		15	12	2018	6x6x6	8	36	67	4170	Non Engraved
3		15	12	2018	6x6x6	8.2	36	67	4170	Non Engraved
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- \* as engraved on the specimens (if any)
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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