



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2478
 Dr. Aqsa

To: Malik Junaid Abbas, Senior Lab Technician
 For Banu Mukhtar Contracting (Pvt.) Ltd.

Project: PK Meat & Foods.

Our Ref. No. CL/CED/ 6744

Dated: 29-12-21

Test Specification

Your Ref. No. BM/PK Meat & Foods/001

Dated: 23-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24-12-21** Tested on: **28-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing (3000 Psi)	16	12	2021	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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



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 Dr. Aqsa

To: Malik Junaid Abbas, Senior Lab Technician
 For Banu Mukhtar Contracting (Pvt.) Ltd.

Project: PK Meat & Foods.

Our Ref. No. CL/CED/ 6745

Dated: 29-12-21

Test Specification

Your Ref. No. BM/PK Meat & Foods/001

Dated: 23-12-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24-12-21** Tested on: **28-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing (3000 Psi)	12	12	2021	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

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Director/Dy. Director Concrete Laboratory



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 Dr. Aqsa

To: Malik Junaid Abbas, Senior Lab Technician
 For Banu Mukhtar Contracting (Pvt.) Ltd.

Project: PK Meat & Foods.

Our Ref. No. CL/CED/ 6746

Dated: 29-12-21

Test Specification

Your Ref. No. BM/PK Meat & Foods/001

Dated: 23-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24-12-21** Tested on: **28-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing (3000 Psi)	14	12	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Aqsa

To: Malik Junaid Abbas, Senior Lab Technician
 For Banu Mukhtar Contracting (Pvt.) Ltd.

Project: PK Meat & Foods.

Our Ref. No. CL/CED/ 6747

Dated: 29-12-21

Test Specification

Your Ref. No. BM/PK Meat & Foods/001

Dated: 23-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24-12-21** Tested on: **28-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing (3000 Psi)	12	12	2021	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	Footing (3000 Psi)	12	12	2021	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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To: Malik Junaid Abbas, Senior Lab Technician
 For Banu Mukhtar Contracting (Pvt.) Ltd.

Project: PK Meat & Foods.

Our Ref. No. CL/CED/ 6748

Dated: 29-12-21

Test Specification

Your Ref. No. BM/PK Meat & Foods/001

Dated: 23-12-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24-12-21 **Tested on:** 28-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing /Column (3750 Psi)	14	12	2021	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	Footing /Column (3750 Psi)	14	12	2021	6Diax12	---	13.8	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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 Dr. Aqsa

To: Malik Junaid Abbas, Senior Lab Technician
 For Banu Mukhtar Contracting (Pvt.) Ltd.

Project: PK Meat & Foods.

Our Ref. No. CL/CED/ 6749

Dated: 29-12-21

Test Specification

Your Ref. No. BM/PK Meat & Foods/001

Dated: 23-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24-12-21 **Tested on:** 28-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing /Column (3750 Psi)	13	12	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	Footing /Column (3750 Psi)	13	12	2021	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
3	Footing /Column (3750 Psi)	13	12	2021	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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2477
 Dr. Aqsa

To: Mr. Sarfraz Rasheed, GM Projects.
 For Ittefaq Building Solutions (Pvt.) Ltd.

Project: Fauji Fresh n Freeze-Sahiwal.

Our Ref. No. CL/CED/ 6750

Dated: 29-12-21

Test Specification

Your Ref. No. Nil

Dated: 23-12-21

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24-12-21 **Tested on:** 28-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3555	29.26	91	6967	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3480	29.26	61	4670	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3460	29.26	61	4670	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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 Dr. Aqsa

To: Mr. Sarfraz Rasheed, GM Projects.
 For Ittefaq Building Solutions (Pvt.) Ltd.

Project: Fauji Fresh n Freeze-Sahiwal.

Our Ref. No. CL/CED/ 6751

Dated: 29-12-21

Test Specification

Your Ref. No. Nil

Dated: 23-12-21

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COMPRESSION TEST REPORT



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Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3425	29.26	83	6354	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3345	29.26	107	8191	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3525	29.26	79	6048	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2461
 Dr. Aqsa

To: (Mr. Muhammad Hammad Javed)
 For ANS Associates. Main Wahdat Road, Lahore.

Project: Construction of National Foods Galaxy Projcet at FIEDMC, Sahianwala, Faisalabad.

Our Ref. No. CL/CED/ 6752

Dated: 29-12-21

Test Specification

Your Ref. No. ANS/LHR/P-001/2

Dated: 21-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-12-21 **Tested on:** 28-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	P.B (3000 Psi)	14	12	2021	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	P.B (3000 Psi)	14	12	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
3	P.B (3000 Psi)	14	12	2021	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
4	Footing (3000Psi)	23	11	2021	6Diax12	---	14	28.28	84	6653	---	Non Engraved
5	Footing (3000Psi)	23	11	2021	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
6	Footing (3000Psi)	23	11	2021	6Diax12	---	14	28.28	80	6337	---	Non Engraved
7	Column (4000Psi)	14	12	2021	6Diax12	---	14	28.28	77	6099	---	Non Engraved
8	Column (4000Psi)	14	12	2021	6Diax12	---	14	28.28	76	6020	---	Non Engraved
9	Column (4000Psi)	14	12	2021	6Diax12	---	14	28.28	70	5545	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2388
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division Pattoki. (Al-Azeem Builders, Govt. Contractor).

Project: Const. of Addit. Class Rooms in (ADP No. 15/ 2021-2022) Const. of 02-No. Additional Class Rooms at Govt. Primary School Bungha Sardar Kahan Singh Tehsil Pattoki District Kasur. (EMIS-Code 35130128).
 Our Ref. No. CL/CED/ 6753 Dated: 29-12-21

Your Ref. No. 679/P

Dated: 18-09-21

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **07-12-21** Tested on: **28-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Talwar	---	---	---	8.7 x 4.3 x 2.9	---	3275	37.41	48	2874	---	---
2	Talwar	---	---	---	8.8 x 4.1 x 2.8	---	3175	36.08	43	2670	---	---
3	Talwar	---	---	---	8.7 x 4.3 x 3.1	---	3460	37.41	48	2874	---	---
4	Talwar	---	---	---	8.7 x 4.2 x 3	---	3165	36.54	45	2759	---	---
5	Talwar	---	---	---	8.6 x 4.3 x 3	---	3235	36.98	46	2786	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2387
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division, Kasur. (M/S M. Altaf & Co. Govt. Contractor).
Project: Const. of 2-Nos. Addi. C. Rooms in Govt. Boys H.S.S. Bamba Kalan Tehsil KRK Distt. Kasur.
 Const. of 02-Nos. Addi C. Rooms in Govt. Boys Primary School Total Tehsil Pattoli Distt. Kasur.
Our Ref. No. CL/CED/ 6754 **Dated:** 29-12-21
Your Ref. No. 446/K **Dated:** 20-11-21

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-12-21** Tested on: **28-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	S	---	---	---	8.8 x 4.3 x 2.9	---	3090	37.84	34	2013	---	---
2	S	---	---	---	8.7 x 4.2 x 2.9	---	3095	36.54	39	2391	---	---
3	S	---	---	---	8.7 x 4.3 x 2.8	---	2900	37.41	34	2036	---	---
4	S	---	---	---	8.7 x 4.3 x 2.9	---	2980	37.41	36	2156	---	---
5	S	---	---	---	8.7 x 4.3 x 2.8	---	3020	37.41	36	2156	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2463
 Dr. Aqsa

To: (Mr. Khalid Bashir), Ittefaq Building Solutions (Pvt.) Ltd.
 189,190-Commercial Area, Airline Society, Khayaban-e-Jinah, Lahore.

Project: New Apparel Facility, Ferozwatwan. IBS/L-104(R&D Foundation).

Our Ref. No. CL/CED/ 6755

Dated: 29-12-21

Test Specification

Your Ref. No. IBS/SC/CT-24

Dated: 21-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-12-21 **Tested on:** 28-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(3000 Psi)	15	12	2021	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
2	(3000 Psi)	15	12	2021	6Diax12	---	13	28.28	48	3802	---	Non Engraved
3	(3000 Psi)	15	12	2021	6Diax12	---	13.8	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2463
 Dr. Aqsa

To: (Mr. Khalid Bashir), Ittefaq Building Solutions (Pvt.) Ltd.
 189,190-Commercial Area, Airline Society, Khayaban-e-Jinah, Lahore.

Project: New Apparel Facility, Ferozwatwan. IBS/L-103 (New Washing & Finishing Area Columns).

Our Ref. No. CL/CED/ 6756

Dated: 29-12-21

Test Specification

Your Ref. No. IBS/SC/CT-23

Dated: 21-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-12-21 **Tested on:** 28-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	13	12	2021	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	(4000 Psi)	13	12	2021	6Diax12	---	13	28.28	51	4040	---	Non Engraved
3	(4000 Psi)	13	12	2021	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2474
 Dr. Yousuf

To: Sub Divisional Officer
 Buildings Sub Division Ferozewala.

Project: Construction of Judicial Academy at Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21) Phase-II, Group No.02. (Residence 15-17) 3rd Floor Slab), (P-1).

Our Ref. No. CL/CED/ 6757

Dated: 29-12-21

Test Specification

Your Ref. No. 1397/F

Dated: 23-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **23-12-21** Tested on: **24-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	1:2:4 RCC Footing/Roof Slab	17	10	2021	6x6x6	---	8.8	36	63	3920	---	Non Engraved
2	1:2:4 RCC Footing/Roof Slab	17	10	2021	6x6x6	---	8.4	36	63	3920	---	Non Engraved
3	1:2:4 RCC Footing/Roof Slab	17	10	2021	6x6x6	---	9	36	61	3796	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2474
 Dr. Yousuf

To: Sub Divisional Officer
 Buildings Sub Division Ferozewala.

Project: Construction of Judicial Academy at Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21) Phase-II, Group No.02. (Residence 15 to 17) 3rd Floor Column), (P-2).

Our Ref. No. CL/CED/ 6758

Dated: 29-12-21

Test Specification

Your Ref. No. 1398/F

Dated: 23-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **23-12-21** Tested on: **24-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Column (1:1.5:3)	28	8	2021	6x6x6	---	8.2	36	89	5538	---	Non Engraved
2	Column (1:1.5:3)	28	8	2021	6x6x6	---	8.5	36	73	4542	---	Non Engraved
3	Column (1:1.5:3)	28	8	2021	6x6x6	---	8.6	36	87	5413	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2474
 Dr. Yousuf

To: Sub Divisional Officer
 Buildings Sub Division Ferozewala.

Project: Construction of Judicial Academy at Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21) Phase-II, Group No.02. Residence Grade 20 & Above (H No.01).

Our Ref. No. CL/CED/ 6759

Dated: 29-12-21

Test Specification

Your Ref. No. 1399/F

Dated: 23-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **23-12-21** Tested on: **24-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(1:2:4) Footing / Roof Slab	9	11	2021	6x6x6	---	8.8	36	78	4853	---	Non Engraved
2	(1:2:4) Footing / Roof Slab	9	11	2021	6x6x6	---	8.8	36	71	4418	---	Non Engraved
3	(1:2:4) Footing / Roof Slab	9	11	2021	6x6x6	---	9	36	64	3982	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2474
 Dr. Yousuf

To: Sub Divisional Officer
 Buildings Sub Division Ferozewala.

Project: Construction of Judicial Academy at Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21) Phase-II, Group No.02. (Residence 15 to 17) Roof Slab
Our Ref. No. CL/CED/ 6760

Dated: 29-12-21

Test Specification

Your Ref. No. 1400/F

Dated: 23-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **23-12-21** Tested on: **24-12-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(1:2:4) Footing / Roof Slab	27	10	2021	6x6x6	---	8.8	36	76	4729	---	Non Engraved
2	(1:2:4) Footing / Roof Slab	27	10	2021	6x6x6	---	8.8	36	63	3920	---	Non Engraved
3	(1:2:4) Footing / Roof Slab	27	10	2021	6x6x6	---	9	36	66	4107	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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