

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

7919 Dr. Burhan Sharif

To: Sub Divisional Officer Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Raft Foundation and Footing Beam)

| Our Ref. No. CL/C | ED/ 6022 | Dated: | 02-10-24 | Test Specification |
|-------------------|----------|--------|-----------|--------------------|
| Your Ref. No. | 132/11th | Dated: | 24/8/2024 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 0 | 1-10 | -24 | Tested on: | 01-1 | 0-24 | in dry/we | t condition | | [| icenses) |
|-----------|------------------|-----|------------|-------|--------------|-------------------------------|----------------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas | ting MM | Date* | Size (in) | Wet Weight (Ka/ ams) | Dry Weight (Ka/ ams) | Area of X-Section (Sg. in) | Ultimate load (Imp Tons) | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| 1 | 3000 Psi (1:2:4) | 22 | 7 | 2024 | 6x6x6 | | 9 | 36 | 93 | 5787 | | Non Engraved |
| 2 | 3000 Psi (1:2:4) | 22 | 7 | 2024 | 6x6x6 | | 8.4 | 36 | 44 | 2738 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | NHNE | RING | | | | | |
| 6 | | | | | | READ N | | | | | | |
| 7 | | | | | | OF THY CORD WHO CREATES | ز ی ک اند کی خلق ر | 103 | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | X | | | | |
| 10 | | | | | | | IDR | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| \\/itmoor | ad by | | | | | | | | | | | |

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 comprensive 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.



Civil Engineering Department

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



7919 Dr. Burhan Sharif

To: Sub Divisional Officer Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Beams & Slab (First Floor)).

| Our Ref. No. CL/CI | ED/ 6023 | Dated: | 02-10-24 | Test Specification |
|--------------------|----------|--------|----------|--------------------|
| Your Ref. No. | 143/11th | Dated: | 25-09-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 0 | 1-10 | -24 | Tested on: | 01-7 | 10-24 | in dry/wet | t condition | | [| i çerkeren |
|---------|------------------|-----------|------------|---------------|--------------|-------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | ting MM | Date* YYYY | 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 |
| 1 | (1:2:4) | 24 | 8 | 2024 | 6x6x6 | | 8.6 | 36 | 50 | 3111 | | Non Engraved |
| 2 | (1:2:4) | 24 | 8 | 2024 | 6x6x6 | | 9 | 36 | 34 | 2116 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | WHINE | RING A | | | | | |
| 6 | | | | | > | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY HORD WHO OREATES | زیجک الذکی خلق ر | £2 | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | 20- | | ~ | | | | |
| 10 | | | | | < | LA | IORE. | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| | بريط ام م | | | | | | | | | | | |

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 comprensive 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)



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.

7919 Dr. Burhan Sharif

To: Sub Divisional Officer Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Ground Floor Column)

| Our Ref. No. CL/CI | ED/ 6024 | Dated: | 02-10-24 | Test Specification |
|--------------------|----------|--------|----------|--------------------|
| Your Ref. No. | 140/11th | Dated: | 24-09-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 0 | 1-10 | -24 | Tested on: | 01-1 | 10-24 | in dry/we | t condition | | Ū | i Centra di |
|---------|--------------------|-----------|------------|---------------|--------------|-------------------------------|-----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | ting MM | Date* YYYY | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | Ultimate Ioad (Imp.Tons) | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| 1 | 4000 Psi (1:1.5:3) | 25 | 8 | 2024 | 6x6x6 | | 9 | 36 | 85 | 5289 | | Non Engraved |
| 2 | 4000 Psi (1:1.5:3) | 25 | 8 | 2024 | 6x6x6 | | 8.6 | 36 | 64 | 3982 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | / | | | | | | |
| 5 | | | | | | NHNE | RING | | | | | |
| 6 | | | | | > | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY HORD WHO OREATES | ز <u>ع</u> ک اندکی خلق ر | £2 | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | | | ~ | | | | |
| 10 | | | | | | | IORE. | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | Witnessed by: | | | | | | | | | | | |

witnessea 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 comprensive 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)



 To:
 S & S Associates, Engineers & Builders Ayoub Chowk, Johar Town, Lahore.

 Project: Civil Work for the Shifting of Dyeing Area and Installation of ETP at Designtex in STML-8 Building (Pedestal Columns) Our Ref. No. CL/CED/ 6025
 Dated:
 02-10-24
 Test Specification

 Your Ref. No.
 BRD/HS24/039
 Dated:
 30-09-24
 (BS 1881-116)

COMPRESSION TEST REPORT



ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

7918 Dr. Burhan Sharif

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

| Specim | ens received on: | 0 | 1-10 | -24 | Tested on: | 01-1 | 0-24 | in dry/wet | t condition | | 0 | icensed) |
|---------|------------------|-----------|------------|---------------|--------------|-------------------------------|-----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | ting MM | Date* YYYY | 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 |
| 1 | C-30 | 31 | 8 | 2024 | 6x6x6 | | 8.6 | 36 | 66 | 4107 | | Non Engraved |
| 2 | C-30 | 31 | 8 | 2024 | 6x6x6 | | 8.4 | 36 | 113 | 7031 | - | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | WHINE | RIA S | | | | | |
| 6 | | | | |) | READ N | 2071 | | | | | |
| 7 | | | | | | OF THY HORD WHO OREATES | ز <u>ع</u> ۔ اندکی خلق ر | £2 | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | | 1 | ~ | | | | |
| 10 | | | | | | | IDRL. | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 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 comprensive 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.



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

7918 Dr. Burhan Sharif

| To: | S & S Associates, Engineers & Builders Avoub Chowk, Johar Town, Lahore. | | | |
|-----|--|----------------------------------|----------------------|--------------------|
| | Project: Civil Work for the Shifting of Dyeing Area (Footing) | and Installation of ETP at Desig | ntex in STML-8 Build | ing |
| | Our Ref. No. CL/CED/ 6026 | Dated: | 02-10-24 | Test Specification |
| | Your Ref. No. BRD/HS24/040 | Dated: | 30-09-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specimo | ens received on: | 0 | 1-10 | -24 | Tested on: | 01-1 | 10-24 | in dry/wet condition | | Ü | jesues | |
|---------|------------------|-----------|------------|---------------|--------------|----------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | ting MM | Date* YYYY | 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 |
| 1 | C-20 | 29 | 8 | 2024 | 6x6x6 | | 8.6 | 36 | 52 | 3236 | | Non Engraved |
| 2 | C-20 | 29 | 8 | 2024 | 6x6x6 | | 8 | 36 | 56 | 3484 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | NHNE | RIA S | | | | | |
| 6 | | | | |) | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY | زیک اندگی خلق ر | | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | | | > | | | | |
| 10 | | | | | | | IORE. | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | ad by: | | | | | | | | | | | |

witnessea 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.



Civil Engineering Department

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

7908 Dr. M. Yousaf

To: Mr. Muhammad Saddique Head QA/AC, AL-A'ZAMIYYA PHASE I, Township Lahore.

| Project: Nil | | | | |
|--------------------|-----------------|-------|-------------|--------------------|
| Our Ref. No. CL/CI | ED/ 6027 | Dated | : 02-10-24 | Test Specification |
| Your Ref. No. | Alz./CT/UET/015 | Dated | : 30/9/2024 | (ASTM C39) |

-

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 3 | 0/9/2 | 024 | Tested on: | 02-1 | 10-24 | in dry/we | t condition | | Ŀ | i Crimento |
|---------|------------------|-----------|-------------|---------------|--------------|----------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | sting MM | Date* YYYY | 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 |
| 1 | 4000 Psi | 29 | 8 | 2024 | 6Diax12 | | 13 | 28.28 | 34 | 2693 | | Non Engraved |
| 2 | 4000 Psi | 29 | 8 | 2024 | 6Diax12 | | 12.8 | 28.28 | 39 | 3089 | | Non Engraved |
| 3 | 4000 Psi | 29 | 8 | 2024 | 6Diax12 | | 13.8 | 28.28 | 58 | 4594 | | Non Engraved |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | WHINE | RING A | | | | | |
| 6 | | | | | > | READIN | 2071 | | | | | |
| 7 | | | | | | OF THY | زیجی ان کی خلق ر | | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | | | • | | | | |
| 10 | | | | | | | IORE. | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 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.



Civil Engineering Department

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

7916 Dr. M. Yousaf

To: Mr. Zaheer Abbas

Lab Incharge, PAKMIX, Ready Mix Concrete

Project: A-5, 3P - Peco Road Lahore (Rana Associates)

| Our Ref. No. CL/CI | ED/ 6028 | Dated: | 02-10-24 | Test Specification |
|--------------------|----------|--------|----------|--------------------|
| Your Ref. No. | Nil | Dated: | 01-10-24 | (ASTM C39) |

COMPRESSION TEST REPORT

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



| Specime | ens received on: | 0 | 1-10 | -24 | Tested on: | 02-1 | 10-24 | in dry/we | dry/wet condition | | | jester |
|---------|------------------|-----------|------------|-------|--------------|-------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | ting MM | 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 |
| 1 | Slab (3000 Psi) | 4 | 8 | 2024 | 6Diax12 | | 13.2 | 28.28 | 48 | 3802 | | Non Engraved |
| 2 | Slab (3000 Psi) | 4 | 8 | 2024 | 6Diax12 | | 12.8 | 28.28 | 58 | 4594 | | Non Engraved |
| 3 | Slab (3000 Psi) | 4 | 8 | 2024 | 6Diax12 | | 12.6 | 28.28 | 57 | 4515 | | Non Engraved |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | THE | RING A | | | | | |
| 6 | | | | | | READIN | 207 | | | | | |
| 7 | | | | | | OF THY HORD WHO OREATES | زیجی ان کی خلق ر | | | | | |
| 8 | | | | | - 88 | | | 5 | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | -IA | IDR <u>F.</u> | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | Witnessed by: | | | | | | | | | | | |

witnessea 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 comprensive 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.



Civil Engineering Department

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

7916 Dr. M. Yousaf

To: Mr. Zaheer Abbas

Lab Incharge, PAKMIX, Ready Mix Concrete

Project: P-160, Mini Market Gulberg Lahore (Rana Associates)

| Our Ref. No. CL/Cl | ED/ 6029 | Dated: | 02-10-24 | Test Specification |
|--------------------|----------|--------|----------|--------------------|
| Your Ref. No. | Nil | Dated: | 01-10-24 | (ASTM C39) |

COMPRESSION TEST REPORT

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



| Specim | ens received on: | 0 | 1-10 | -24 | Tested on: | 02-1 | 10-24 | in dry/we | t condition | | | jeskeg |
|---------|------------------|-----------|------------|---------------|--------------|-------------------------------|----------------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | ting MM | Date* YYYY | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | Ultimate Ioad (Imp.Tons) | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| 1 | Slab (3000 Psi) | 15 | 8 | 2024 | 6Diax12 | | 13 | 28.28 | 57 | 4515 | | Non Engraved |
| 2 | Slab (3000 Psi) | 15 | 8 | 2024 | 6Diax12 | | 13 | 28.28 | 49 | 3881 | | Non Engraved |
| 3 | Slab (3000 Psi) | 15 | 8 | 2024 | 6Diax12 | | 13 | 28.28 | 64 | 5069 | | Non Engraved |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | THE | RING | | | | | |
| 6 | | | | |) | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY CORD WHO OREATES | ز ب ک اند کی خلق ر | 133 | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | ~ | | | | |
| 10 | | | | | < | / A | IOR <u>E</u> | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | Nitrogood by | | | | | | | | | | | |

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 comprensive 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.



To:

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.

7911 Dr. M. Yousaf

| JR Private Limited 22, Street # 15, Cavalr | JR Private Limited 22, Street # 15, Cavalry Ground Ext. Lahore Cantt. | | | | | | | | | | |
|---|--|--------|-----------|--------------------|--|--|--|--|--|--|--|
| Project: Construction of Civil Structure for Steel Building of R-PET Plant Unit # 17-C M/S Gourmet Five Star Foods at Jaranawala, Pakistan | | | | | | | | | | | |
| Our Ref. No. CL/CED/ | 6030 | Dated: | 02-10-24 | Test Specification | | | | | | | |
| Your Ref. No. Nil | | Dated: | 30/9/2024 | (ASTM C39) | | | | | | | |

COMPRESSION TEST REPORT



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

| Specime | ens received on: | 3 | 0-09 | -24 | Tested on: | 02-1 | 10-24 | in dry/wet | t condition | | 0 | 0680899 |
|---------|-----------------------------|-----|------|-------|------------|-------------------------------|--------------------|----------------------|------------------|--------------------|-------------------|--------------|
| Sr. No. | Mark* | Cas | ting | Date* | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorpti | Remarks |
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | 011 (78) | |
| 1 | SSP Pedestals (3750 Psi) | 10 | 8 | 2024 | 6Diax12 | | 13.2 | 28.28 | 48 | 3802 | | Non Engraved |
| 2 | SSP Pedestals (3750 Psi) | 10 | 8 | 2024 | 6Diax12 | | 12.8 | 28.28 | 41 | 3248 | | Non Engraved |
| 3 | SSP Pedestals (3750 Psi) | 10 | 8 | 2024 | 6Diax12 | | 13.8 | 28.28 | 39 | 3089 | | Non Engraved |
| 4 | SSP Pedestals (3750 Psi) | 10 | 8 | 2024 | 6Diax12 | | 14 | 28.28 | 48 | 3802 | | Non Engraved |
| 5 | | | | | (| STINE | RING . | | | | | |
| 6 | | | | | | READ N | 207 | <u> </u> | | | | |
| 7 | | | | | | OF THY HORD WHO OREATES | زیک ان کی خلق ر | £2 | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | | 10 | ~ | | | | |
| 10 | | | | | < | | IOR <u>E</u> | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | ed by: | | | | | | | | | | | |

witnessea 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)



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.

7779 Dr. M. Yousaf

To: Mr. Khalil Ahmad

Project Manager, SA Garden Kala Shah Kaku

Project: SA Garden Housing Society G.T. Road, Lahore (Structure- Premium Block Culvert)

| Our Ref. No. CL/ | 'CED/ 6031 | Dated: | 02-10-24 | Test Specification |
|------------------|----------------|--------|----------|--------------------|
| Your Ref. No. | SA/PM/Dev/1023 | Dated: | Nil | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 1 | 0-09 | -24 | Tested on: | 12-0 |)9-24 | in dry/wet | t condition | | Ü | jesues |
|---------|------------------------------|-----|------|-------|------------|-------------------|---------------------|----------------------|------------------|--------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas | ting | Date* | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorpti on (%) | Remarks |
| 1 | Right Side RCC | 3 | 8 | 2024 | 6x6x6 | | (rtg/ gills) 8.6 | 36 | 47 | 2924 | | Non Engraved |
| 2 | Right Side RCC Foundation | 3 | 8 | 2024 | 6x6x6 | | 8 | 36 | 62 | 3858 | | Non Engraved |
| 3 | Right Side RCC Foundation | 3 | 8 | 2024 | 6x6x6 | | 8 | 36 | 52 | 3236 | | Non Engraved |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | WHINE | RING | | | | | |
| 6 | | | | | | READ IN | 200 | | | | | |
| 7 | | | | | | OF THY CREATES | زیجب الدمی خلق ر | 133 | | | | |
| 8 | | | | | 1 | | | | | | | |
| 9 | | | | | | | | ~ | | | | |
| 10 | | | | | < | / A | IOR <u>E</u> | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | | | | | | | | | | | | |

witnessea 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.



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.

7779 Dr. M. Yousaf

To: Mr. Khalil Ahmad

Project Manager, SA Garden Kala Shah Kaku

Project: SA Garden Housing Society G.T. Road, Lahore (Structure- Premium Block Culvert)

| Our Ref. No. CL/ | CED/ 6032 | Dated: | 02-10-24 | Test Specification |
|------------------|----------------|--------|----------|--------------------|
| Your Ref. No. | SA/PM/Dev/1022 | Dated: | Nil | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specimo | ens received on: | 1 | 0-09 | -24 | Tested on: | 12-0 |)9-24 | in dry/we | t condition | | 0 |]C.20249 |
|---------|------------------------|-----|------|-------|------------|---------------|---------------------|----------------------|------------------|--------------------|-------------------|--------------|
| Sr. No. | Mark* | Cas | ting | Date* | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorpti | Remarks |
| | | DD | ММ | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | 011 (76) | |
| 1 | Right Side RCC Wall | 13 | 8 | 2024 | 6x6x6 | | 8.2 | 36 | 52 | 3236 | | Non Engraved |
| 2 | Right Side RCC Wall | 13 | 8 | 2024 | 6x6x6 | | 8 | 36 | 56 | 3484 | | Non Engraved |
| 3 | Right Side RCC Wall | 13 | 8 | 2024 | 6x6x6 | | 8 | 36 | 61 | 3796 | | Non Engraved |
| 4 | | | | | | | | | | | | |
| 5 | | | | | - (| STATE | RING . | | | | | |
| 6 | | | | |) | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY | زیجک الذکی خلق ر | £2 | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | | 10 | ~ | | | | |
| 10 | | | | | | | IORE | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | ad by: | | | | | | | | | | | |

witnessea 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.



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

7883 Dr. M. Yousaf

To: Sub Divisional Officer

Public Health Engg: S/Division Phoolnager

Project: Construction of P.C.C. and Tuff Tiles at PHOOL NAGER PHASE -II TEHSIL PATTOKI DISTRICT KASUR

| Our Ref. No. CL/C | ED/ 6033 | Dated: | 02-10-24 | Test Specification |
|-------------------|----------|--------|-----------|--------------------|
| Your Ref. No. | No. 487 | Dated: | 20/8/2024 | () |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 2 | 5/9/2 | 024 | Tested on: | 02-1 | 10-24 | in dry/wet | t condition | | | o centrali |
|---------|------------------|-----|-------|-------|-----------------|-------------------------------|---------------------|----------------------|------------------|--------------------|-----------------------------|------------|
| Sr. No. | Mark* | Cas | ting | Date* | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorpti on (%) | Remarks |
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | | |
| 1 | 7UP | | | | 8.8 x 4.1 x 2.9 | | 3335 | 36.08 | 47 | 2918 | | |
| 2 | 7UP | | | | 8.6 x 4.1 x 2.9 | | 3110 | 35.26 | 38 | 2414 | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | - | | |
| 5 | | | | | | NEINE | RING | | | | | |
| 6 | | | | | > | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY BORD WHO CREATES | ریجب اندمی خلق ر | I FCH | | | | |
| 8 | | | | | 28.2 | | | i Na | | - | | |
| 9 | | | | | | 20 | 1 | | | - | | |
| 10 | | | | | | | ORL | | | - | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | - | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | Alitacood by | | | | | | | | | | | |

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 comprensive 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.



Civil Engineering Department

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

7873 Dr. M. Yousaf

To: Engr. Mohsin Ali

Project Manager, Land Chester Enterprises

Project: Sector Shops DHA Phase 6 Lahore for Parking Area (978 sft)

| Our Ref. No. CL/CI | D/ 6034 | Dated: | 02-10-24 | Test Specification |
|--------------------|---------|--------|-----------|--------------------|
| Your Ref. No. | Nil | Dated: | 25/9/2024 | () |

COMPRESSION TEST REPORT



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

| Specimens received on: | | 25/9/2024 | | 024 | Tested on: 02-10 | | 0-24 In dry/wet condition | | | | | |
|------------------------|----------------------------|-----------|------|-------|------------------|--------------------------------|---------------------------|----------------------|------------------|--------------------|-------------------|---------|
| Sr. No. | Mark* | Cas | ting | Date* | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate Ioad | Ultimate Stress | Water Absorpti | Remarks |
| | | DD | ММ | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | оп (%) | |
| 1 | Rectangular, Grey, 80mm | | | | 7.8 x 3.9 x 3.1 | | 3220 | 30.42 | 24 | 1767 | | |
| 2 | Rectangular, Grey, 80mm | | | | 7.8 x 3.9 x 3.1 | | 3275 | 30.42 | 46 | 3387 | | |
| 3 | Rectangular, Grey, 80mm | | | | 7.8 x 3.9 x 3.1 | | 3345 | 30.42 | 36 | 2651 | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | N THINE | BI/to | | | | | |
| 6 | | | | |) | READ N | 2071 | | | | | |
| 7 | | | | | | OF THY -CORD WHO OREATES | زیک ان کی خلق ر | 1 | | | | |
| 8 | | | | | | | | 5 | | | | |
| 9 | | | | | | 25 | | ₹ | | | | |
| 10 | | | | | < | / A | IORL. | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 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 comprensive 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.



the lab for record. 7913

ORIGINAL

the report has

Dr. M. Yousaf

Test Specification

(BS 3921**)

To: Sub Division Officer

Specimens received on:

Buildings Sub Division, Darya Khan

Project: Govt. Girls High School Kohawar Kalan Tehsil DARYA KHAN DISTRICT BHAKKAR (Construction of 97 New Classrooms at 19 Middle & High Schools of District Bhakkar for the year 2023-24) Our Ref. No. CL/CED/ 6035 Dated: 02-10-24 Dated: 10-08-24

Your Ref. No. 39/DK

COMPRESSION TEST REPORT

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

30/9/2024 Tested on:



| Sr. No. | Mark* | Casting Date* | | | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate Ioad | Ultimate Stress | Water Absorpti | Remarks |
|---------------|-------|---------------|----|------|-----------------|-------------------------------|---|----------------------|------------------|--------------------|-------------------|---------|
| | | DD | мм | ΥΥΥΥ | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | on (%) | |
| 1 | 5 | | | | 8.5 x 4.1 x 2.6 | | 2330 | 34.85 | 51 | 3278 | | |
| 2 | 5 | | | | 8.5 x 4.1 x 2.7 | | 2410 | 34.85 | 47 | 3021 | | |
| 3 | 5 | | | | 8.5 x 4 x 2.6 | | 2350 | 34 | 52 | 3426 | | |
| 4 | 5 | | | | 8.5 x 4.1 x 2.5 | | 2380 | 34.85 | 42 | 2700 | | |
| 5 | 5 | | | | 8.5 x 4 x 2.7 | THE | 2360 | 34 | 48 | 3162 | | |
| 6 | | | | | - > | READ N | 2071 | <u> </u> | | | | |
| 7 | | | | | | OF THY -CRD WHO CREATES | ر ب ک ال ار کی خلق ر | | | | | |
| 8 | | | | | | | | 5- | | | | |
| 9 | | | | | > | 200 | | ~ | | | | |
| 10 | | | | | < | | IORE | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witnessed by: | | | | | | | | | | | | |

02-10-24

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 comprensive 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.