

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.

6618 Dr. M. Yousaf

| То: | S & S Associates, Engineers & I Johar Town, Lahore. | Builders | | | |
|-----|--|-----------------------------|-------------------------|-------------------|--------------------|
| | Project: Sapphire Textile Mills, I Chowk, Lahore. | Extension of Washing Area I | Located at Designtex (S | MC) Pvt Ltd. Bhup | tian |
| | Our Ref. No. CL/CED/ 4078 | | Dated: | 29-01-24 | Test Specification |
| | Your Ref. No. SMC (W-A #2 | 24)/020 | Dated: | 29-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 29-01-24 | | -24 | Tested on: | 29-01-24 | | in dry/wet condition | | | Ü | jester |
|---------------|----------------------|----------|---------------|------|------------|-------------------------------|----------------------------------|----------------------|------------|--------------------|-----------------------------|--------------|
| Sr. No. | Mark* | | Casting Date* | | Size | Wet Weight | | Area of X-Section | load | Ultimate Stress | Water Absorpti on (%) | Remarks |
| | BOO Osluma | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | | |
| 1 | RCC Column (C-30) | 28 | 12 | 2023 | 6x6x6 | | 8.4 | 36 | 107 | 6658 | | Non Engraved |
| 2 | RCC Column (C-30) | 28 | 12 | 2023 | 6x6x6 | | 8.4 | 36 | 120 | 7467 | | Non Engraved |
| 3 | RCC Column (C-30) | 28 | 12 | 2023 | 6x6x6 | | 8 | 36 | 52 | 3236 | | Non Engraved |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | WHINE | RING | | | | | |
| 6 | | | | | - 2 | READ IN | 2071 | _ | | | | |
| 7 | | | | | | OF THY CORD WHO CREATES | ز ی ک اند کی خلق ر | 103 | | | | |
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| 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 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.



Plain and Reinforced Concrete Laboratory Civil Engineering Department

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6618 Dr. M. Yousaf

| То: | S & S Associates Johar Town, Lah | s, Engineers & Builders ore. | | | |
|-----|-------------------------------------|--|-------------------------|---------------------|--------------------|
| | Project: Sapphire Chowk, Lahore. | e Textile Mills, Extension of Washing Area I | Located at Designtex (S | SMC) Pvt Ltd. Bhupt | ian |
| | Our Ref. No. CL/ | CED/ 4079 | Dated: | 29-01-24 | Test Specification |
| | Your Ref. No. | SMC (W-A #24)/021 | Dated: | 29-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 2 | 9-01 | -24 | Tested on: | 29-0 |)1-24 | in dry/we | t condition | | Ü | jesseg |
|---------|---------------------|----|------|-------|--------------|-------------------------------|---------------------------------|----------------------------------|-------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | | • | Date* | Size (in) | Wet Weight (Ka/ ams) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| 1 | RCC Slab (C- 20) | 22 | 1 | 2024 | 6x6x6 | | 8 | 36 | 38 | 2364 | | Non Engraved |
| 2 | RCC Slab (C- 20) | 22 | 1 | 2024 | 6x6x6 | | 8.4 | 36 | 38 | 2364 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
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| Witness | Witnessed 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 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

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6614 Dr. M.Yousaf

To: Best Builders Engineer & Constructor

Project: Construction of TCF School, Basti Rahim Yar Khan.

| Our Ref. No. CL/CED/ 4080 | Dated: | 29-01-24 | Test Specification |
|---------------------------|--------|----------|--------------------|
| Your Ref. No. Nil | Dated: | 26-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT

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

| Specimens received on: | | | 26-01-24 Tested on: | | 29-0 | 29-01-24 | | in dry/wet condition | | | | |
|------------------------|-------------------|---|---------------------|---------------|--------------|-------------------------------|------------------------------------|----------------------------------|----|-----------------------------|-----------------------------|----------|
| Sr. No. | Mark* | | - | Date* YYYY | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| 1 | | 9 | 9 | 2023 | 6x6x6 | | 8 | 36 | 50 | 3111 | | Engraved |
| 2 | | 9 | 9 | 2023 | 6x6x6 | | 8 | 36 | 58 | 3609 | | Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
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| 6 | | | | | > | READ IN | 2071 | | | | | |
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| 16 | | | | | | | | | | | | |
| Witness | Witnessed by: Nil | | | | | | | | | | | |

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)



Civil Engineering Department

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6615 Dr. M.Yousaf

To: Mr. Riaz Ahmad

Riaz Construction Company, Civil Contractors

Project: Construction of TCF High School, Dawood Hercules Sheikhupura.

| Our Ref. No. CL/CED/ 4081 | Dated: | 29-01-24 | Test Specification |
|---------------------------|--------|----------|--------------------|
| Your Ref. No. Nil | Dated: | 26-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT

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

| Specimens received on: 26-0 | | | 6-01 | -24 | Tested on: | 29-0 |)1-24 | in dry/wet | t condition | | | ONLINE REPORT |
|-----------------------------|-------------------|-----------|------|---------------|--------------|-------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|---------------|
| Sr. No. | Mark* | Cas DD | | 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 | | 14 | 12 | 2023 | 6x6x6 | | 8.4 | 36 | 79 | 4916 | | Engraved |
| 2 | | 14 | 12 | 2023 | 6x6x6 | | 8.2 | 36 | 62 | 3858 | - | Engraved |
| 3 | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | Witnessed by: Nil | | | | | | | | | | | |

Witnessed by: Nil

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

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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)



Civil Engineering Department

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6601 Dr. M.Yousaf

| То: | Resident Engineer ECSP, BGNU. | | | | | | | | | |
|-----|---|-----------------|--------|----------|--------------------|--|--|--|--|--|
| | Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib. (S-AA (1-10) Admin Block) | | | | | | | | | |
| | Our Ref. No. CL/CE | 0/ 4082 | Dated: | 29-01-24 | Test Specification | | | | | |
| | Your Ref. No. F | RE/ECSP/BGNU/92 | Dated: | 30-12-23 | (BS 1881-116) | | | | | |

COMPRESSION TEST REPORT



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

| Specim | ens received on: | 25-01-24 Tested on: | | 29-01-24 in dry/ | | in dry/we | dry/wet condition | | | ONLINE REPORT | | |
|-------------------|--------------------------|---------------------|----|------------------|-------|-------------------------------|----------------------------------|----------------------|------------|--------------------|-----------------------------|----------|
| Sr. No. | Mark* | | - | Date* | Size | Wet Weight | | Area of X-Section | | Ultimate Stress | Water Absorpti on (%) | Remarks |
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | 011 (70) | |
| 1 | Top Roof Slab (1:2:4) | 2 | 12 | 2023 | 6x6x6 | | 8.2 | 36 | 83 | 5164 | | Engraved |
| 2 | Top Roof Slab (1:2:4) | 2 | 12 | 2023 | 6x6x6 | | 9 | 36 | 86 | 5351 | | Engraved |
| 3 | Top Roof Slab (1:2:4) | 2 | 12 | 2023 | 6x6x6 | | 8.2 | 36 | 83 | 5164 | | Engraved |
| 4 | | | | | | | | | | | | |
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| 6 | | | | | 2 | READ IN | 2071 | | | | | |
| 7 | | | | | | OF THY GORD WHC CREATES | ز ی ک اند کی خلق ر | 133 | | | | |
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| Witnessed by: Nil | | | | | | | | | | | | |

witnessea by: Nii

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

6599 Dr. M.Yousaf

| То: | CW Manager, ARCON E-11 Islamabad. | | | |
|-----|--------------------------------------|--------|----------|--------------------|
| | Project: Nil | | | |
| | Our Ref. No. CL/CED/ 4083 | Dated: | 29-01-24 | Test Specification |
| | Your Ref. No. Nil | Dated: | Nil | (BS 1881-116) |

COMPRESSION TEST REPORT

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

| Specimens received on: | | 25-01-24 | | -24 | Tested on: | 29-01-24 | | in dry/wet condition | | | | ONLINE REPORT |
|------------------------|--------------------------------|----------|----|---------------|--------------|-------------------------------|----------------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|---------------|
| Sr. No. | Mark* | | _ | 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 | R/W 51553 (1:1.5:3 & 1:4:8) | 21 | 12 | 2023 | 6x6x6 | | 7.4 | 36 | 85 | 5289 | | Non Engraved |
| 2 | R/W 51553 (1:1.5:3 & 1:4:8) | 21 | 12 | 2023 | 6x6x6 | | 7.8 | 36 | 115 | 7156 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
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| 6 | | | | | - | READ N | | | | | | |
| 7 | | | | | | OF THY CORD WHO CREATES | ز ی ک اند کی خلق ر | 133 | | | | |
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| 16 | | | | | | | | | | | | |
| Witness | Witnessed by: Nil | | | | | | | | | | | |

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)

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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)



To:

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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



| : | CW Manager, ARCON E-11 Islamabad. | | | |
|---|--------------------------------------|--------|----------|--------------------|
| | Project: Nil | | | |
| | Our Ref. No. CL/CED/ 4084 | Dated: | 29-01-24 | Test Specification |
| | Your Ref. No. Nil | Dated: | 25-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT

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

| Specim | Specimens received on: | | 25-01-24 Tested on: | | 29-0 | 29-01-24 ir | | condition | | ONLINE REPORT | | |
|---------|-------------------------------------|-----------|---------------------|---------------|--------------|-------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | _ | 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 | R/W, Fnd 51553 (1:1.5:3 & 1:4:8) | 18 | 12 | 2023 | 6x6x6 | | 8.2 | 36 | 108 | 6720 | | Non Engraved |
| 2 | R/W, Fnd 51553 (1:1.5:3 & 1:4:8) | 18 | 12 | 2023 | 6x6x6 | | 7.6 | 36 | 101 | 6284 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | HINE | RING | | | | | |
| 6 | | | | | > | READ IN | 2071 | | | | | |
| 7 | | | | | 1 | OF THY UGRD WHO CREATES | زیجب الد فی خلق ر | 133 | | | | |
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| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | ed by: Nil | | | | | | | | | | | |

Witnessed by: Nil

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

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| To: | Mr. Muhammad Shafiq | | | | | | | | | |
|-----|---|---------------------------|----------|--|--|--|--|--|--|--|
| | Resident Engineer, Construction Management D | ivision, NESPAK Pvt. Ltd. | | | | | | | | |
| | Project: Construction of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Const. of | | | | | | | | | |
| | Teaching College/ Academic Block, Boys and Girls Hostel & Miscellaneous Work (Group No. 02) | | | | | | | | | |
| | Our Ref. No. CL/CED/ 4085 | Dated: | 29-01-24 | | | | | | | |
| | Your Ref. No. 3016/13/MS/04/151 | Dated: | 09-01-24 | | | | | | | |

COMPRESSION TEST REPORT

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

| Specimens received on: | | 25-01-24 Tested on: | | 29-01-24 in dry/wet o | | et condition | | | | | |
|------------------------|---|---|--|---|--|--|---|---|--|---|--|
| Mark* | Cas DD | • | | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | | | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| OHWT (Bowl) | 10 | 12 | 2023 | 6x6x6 | | 8.2 | 36 | 110 | 6844 | | Non Engraved |
| OHWT (Bowl) | 10 | 12 | 2023 | 6x6x6 | | 8 | 36 | 99 | 6160 | | Non Engraved |
| OHWT (Bowl) | 10 | 12 | 2023 | 6x6x6 | | 8.2 | 36 | 98 | 6098 | | Non Engraved |
| Septic Tank | 10 | 12 | 2023 | 6x6x6 | | 8 | 36 | 95 | 5911 | | Non Engraved |
| Septic Tank | 10 | 12 | 2023 | 6x6x6 🧹 | THE | 8.4 | 36 | 92 | 5724 | | Non Engraved |
| Septic Tank | 10 | 12 | 2023 | 6x6x6 🔪 | READIN | 8.2 | 36 | 91 | 5662 | | Non Engraved |
| | | | | | OF THY HORD WHO OREATES | ز <u>ع</u> ۔ اندکی خلق ر | | | | | |
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| | Mark* OHWT (Bowl) OHWT (Bowl) OHWT (Bowl) Septic Tank Septic Tank Septic Tank | Mark* Case DD DD OHWT (Bowl) 10 OHWT (Bowl) 10 OHWT (Bowl) 10 OHWT (Bowl) 10 Septic Tank 10 | Mark* Casting DD MM OHWT (Bowl) 10 12 OHWT (Bowl) 10 12 OHWT (Bowl) 10 12 OHWT (Bowl) 10 12 Septic Tank 10 | Mark* Casting Date* DD MM YYYY OHWT (Bowl) 10 12 2023 Septic Tank 10 12 2023 Septic Tank | Mark* Casting Date* Size DD MM YYYY (in) OHWT (Bowl) 10 12 2023 6x6x6 Septic Tank 10 12 2023 6x6x6 | Mark* Casting Date* Size Wet Weight DD MM YYYY (in) (Kg/gms) OHWT (Bowl) 10 12 2023 6x6x6 Septic Tank 10 12 2023 6x6x6 | Mark* Casting Date* Size Wet Weight Dry Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) OHWT (Bowl) 10 12 2023 6x6x6 8.2 OHWT (Bowl) 10 12 2023 6x6x6 8.2 OHWT (Bowl) 10 12 2023 6x6x6 8 OHWT (Bowl) 10 12 2023 6x6x6 8 Septic Tank 10 12 2023 6x6x6 8 Septic Tank 10 12 2023 6x6x6 8 Septic Tank 10 12 2023 6x6x6 8 8 8 Septic Tank 10 12 2023 6x6x6 8 8 < | Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section (Sq. in) OHWT (Bowl) 10 12 2023 6x6x6 8.2 36 Septic Tank 10 12 2023 6x6x6 8.4 36 Septic Tank 10 12 2023 6x6x6 8.2 36 8.4 36 8.4 36 Septic Tank 10 | Mark* Casting Date* Size Wet Weight (Kg/ gms) Dry Weight (Kg/ gms) Area of X-Section (Imp.Tons) OHWT (Bowl) 10 12 2023 6x6x6 8.2 36 110 OHWT (Bowl) 10 12 2023 6x6x6 8.2 36 110 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 OHWT (Bowl) 10 12 2023 6x6x6 8 36 92 Septic Tank 10 12 2023 6x6x6 8.2 36 91 8.4 36 92 36 91 36 92 Septic Tank 10 12 2023 6x6x6 | Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section (Imp.Tons) Ultimate Stress (psi) OHWT (Bowl) 10 12 2023 6x6x6 8.2 36 110 6844 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 6160 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 6160 OHWT (Bowl) 10 12 2023 6x6x6 8 36 98 6098 Septic Tank 10 12 2023 6x6x6 8 36 92 5724 Septic Tank 10 12 2023 6x6x6 8.4 36 92 5724 Septic Tank 10 12 2023 6x6x6 8.4 36 91 5662 8.2 3 | Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section (Imp.Tons) Ultimate Istress (psi) Water Absorpti on (%) OHWT (Bowl) 10 12 2023 6x6x6 8.2 36 110 6844 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 6160 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 6160 OHWT (Bowl) 10 12 2023 6x6x6 8 36 99 6160 OHWT (Bowl) 10 12 2023 6x6x6 8 36 92 5724 Septic Tank 10 12 2023 6x6x6 8.2 36 91 5662 8.2 36 91 5662 |

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 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.

Director/Dy. Director Concrete Laboratory

Test Specification (BS 1881-116)



Civil Engineering Department

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

6617 Dr. M.Yousaf

To: Mr. Muhammad jan

Senior Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Allama Iqbal Open University, Regional Campus, Sheikhupura.

| Our Ref. No. CL | /CED/ 4086 | Dated: | 29-01-24 | Test Specification |
|-----------------|----------------------------|--------|----------|--------------------|
| Your Ref. No. | P-348/2022/AIOU-SKP/LAB/07 | Dated: | 26-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specimens received on: 26 | | | 6-01 | -24 | Tested on: | 29-01-24 | | in dry/wet condition | | | | ONLINE REPORT |
|---------------------------|------------|---|------|---------------|--------------|-------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|---------------|
| Sr. No. | Mark* | | _ | 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 | | 3 | 1 | 2024 | 6x6x6 | | 8.2 | 36 | 77 | 4791 | | Non Engraved |
| 2 | | 3 | 1 | 2024 | 6x6x6 | | 8.2 | 36 | 71 | 4418 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | - | WHINE | RIA S | | | | | |
| 6 | | | | | | READ N | 207 | | | | | |
| 7 | | | | | | OF THY CORD WHO OREATES | زیجہ اندق خلق ر | £1 | | | | |
| 8 | | | | | - 88 | | | | | | | |
| 9 | | | | | | 20- | | °∕ | | | | |
| 10 | | | | | \ | | IOR - | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | ed by: Nil | | | | | | | | | | | |

witnessea by: Nii

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

6617 Dr. M.Yousaf

To: Mr. Muhammad Jan

Senior Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Allama Iqbal Open University, Regional Campus, Sheikhupura.

| Our Ref. No. CL | /CED/ 4087 | Dated: | 29-01-24 | Test Specification |
|-----------------|----------------------------|--------|----------|--------------------|
| Your Ref. No. | P-348/2022/AIOU-SKP/LAB/08 | Dated: | 26-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT



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

| Specimens received on: | | | 26-01-24 Tested on: | | | 29-01-24 in dry/v | | in dry/we | condition | ONLINE REPORT | | |
|------------------------|-------|-----------|---------------------|-------|--------------|-------------------------------|--|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | | Date* | 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 | | 17 | 1 | 2024 | 6x6x6 | | 9 | 36 | 70 | 4356 | | Non Engraved |
| 2 | | 17 | 1 | 2024 | 6x6x6 | | 8.6 | 36 | 82 | 5102 | | Non Engraved |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | - | THE | RING | | | | | |
| 6 | | | | | - | READIN | | | | | | |
| 7 | | | | | | OF THY HORD WHO OREATES | ر <u>چ</u> ۔ ان د کی خلق ر | | | | | |
| 8 | | | | | \$\} | | | 5 | | | | |
| 9 | | | | | | | 1 | > | | | | |
| 10 | | | | | - | -IA | DR | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |

witnessea by: Nii

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

1. * as engraved on the specimens (if any)

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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)



Civil Engineering Department

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

6609 Dr. M.Yousaf

To: Mr. Ehtisham Yasin

Assistant Resident Engineer, JERS Consultancy (Pvt) Ltd.

Project: Improvement and Construction of Roads and Chowks at Wazirabad City.

| Our Ref. No. CL/ | CED/ 4088-1 of 2 | Dated: | 29-01-24 | Test Specification |
|------------------|---------------------|--------|----------|--------------------|
| Your Ref. No. | 488-J01-ARE-/wzd/27 | Dated: | 24-01-24 | (BS 1881-116) |

COMPRESSION TEST REPORT





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

| Specimens received on: | | | 26-01-24 Tested on: | | 29-01-24 in | | in dry/wet condition | | | | ONLINE REPORT | |
|------------------------|------------|-----------|---------------------|---------------|--------------|------------------------------|----------------------------|----------------------------------|-----|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark* | Cas DD | - | Date* YYYY | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | | Ultimate Stress (psi) | Water Absorpti on (%) | Remarks |
| 1 | (1:1.5:3) | 7 | 10 | 2023 | 6x6x6 | | 8.4 | 36 | 118 | 7342 | | Non Engraved |
| 2 | (1:1.5:3) | 7 | 10 | 2023 | 6x6x6 | | 9 | 36 | 109 | 6782 | | Non Engraved |
| 3 | (1:1.5:3) | 7 | 10 | 2023 | 6x6x6 | | 8.6 | 36 | 118 | 7342 | | Non Engraved |
| 4 | | | | | | / | | | | | | |
| 5 | | | | | | NHNE | RING | | | | | |
| 6 | | | | | 🔪 | READ IN | | × | | | | |
| 7 | | | | | | OF THY GRO WHO OREATES | زیجب اندکی خلق ر | - FCH | | | | |
| 8 | | | | | S.R. 1 | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | DR | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| Witness | ed by: Nil | | | | | | | | | | | |

Witnessed by: Nil

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

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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.