# 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.

9886
Dr. Umbreen

**To:** Mr. Muhammad Saleem
Material Engineer, NESPAK (Pvt.) Ltd. Environmental and Public Health Engineering Division.

Project: Annual Development Program-WASA (ADP 2024-25) Rainwater Management-Drainage Arrangement for Sore Point at Railway Station Park, Lahore.

Our Ref. No. CL/CED/ 9095 Dated: 06/08/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/RS/ME/35 Dated: 17/07/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/07/2025 Tested on: 06/08/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Top Slab (4000 Psi) | 1 | 6 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 70 | 5545 | --- | Non Engraved |
| 2 | Top Slab (4000 Psi) | 1 | 6 | 2025 | 6Diax12 | --- | 13 | 28.28 | 62 | 4911 | --- | Non Engraved |
| 3 | Top Slab (4000 Psi) | 1 | 6 | 2025 | 6Diax12 | --- | 13 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 4 | Top Slab (4000 Psi) | 1 | 6 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 62 | 4911 | --- | Non Engraved |
| 5 | Top Slab (4000 Psi) | 1 | 6 | 2025 | 6Diax12 | --- | 14 | 28.28 | 60 | 4752 | --- | Non Engraved |
| 6 | Top Slab (4000 Psi) | 1 | 6 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 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/**

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**

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**ORIGINAL**
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9897
Dr.Umbreen

**To:** Mr. Zaheer Abbas
Senior Manager Construction, Educational Services (Pvt.) Ltd.

**Project:** Construction of New Block at Sargodha Campus. (Beaconhousen School System)

**Our Ref. No. CL/CED/ 9096** **Dated: 06/08/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: 31/07/2025** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 01/08/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | First Floor Slab (3750 Psi) | 2 | 7 | 2025 | 6x6x6 | --- | 8.6 | 36 | 90 | 5600 | --- | Engraved |
| 2 | First Floor Slab (3750 Psi) | 2 | 7 | 2025 | 6x6x6 | --- | 8.4 | 36 | 76 | 4729 | --- | Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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/**

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

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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

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**ORIGINAL**
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9897
Dr.Umbreen

**To:** Mr. Zaheer Abbas
Senior Manager Construction, Educational Services (Pvt.) Ltd.

**Project:** Construction of New Block at Gojra Campus. (Beaconhousen School System)

Our Ref. No. CL/CED/ 9097 Dated: 06/08/2025 Test Specification

Your Ref. No. Nil Dated: 31/07/2025 ( BS 1881-116 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01/08/2025 Tested on: 06/08/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Footings (3750 Psi) | 22 | 6 | 2025 | 6x6x6 | --- | 8.6 | 36 | 94 | 5849 | --- | Engraved |
| 2 | Footings (3750 Psi) | 22 | 6 | 2025 | 6x6x6 | --- | 8.4 | 36 | 88 | 5476 | --- | Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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/**

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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
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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

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**ORIGINAL**
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9877
Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project:** ADP Scheme (Non-Residential Portion)

**Our Ref. No. CL/CED/ 9098-1 of 3** **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13143 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Machine Made "N" | --- | --- | --- | 8.2 x 4.1 x 2.7 | --- | 2265 | 33.62 | 44 | 2932 | --- | --- |
| 2 | Machine Made "N" | --- | --- | --- | 8.5 x 4.2 x 2.7 | --- | 2620 | 35.7 | 40 | 2510 | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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
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Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project:** ADP Scheme (Non-Residential Portion)

**Our Ref. No. CL/CED/ 9098-2 of 3** **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13143 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Rectangular, Grey 60mm | --- | --- | --- | 7.9 x 3.9 x 2.3 | --- | 2770 | 30.81 | 90 | 6543 | --- | --- |
| 2 | Rectangular, Grey 60mm | --- | --- | --- | 7.9 x 3.9 x 2.3 | --- | 2865 | 30.81 | 90 | 6543 | --- | --- |
| 3 | Rectangular, Red 60mm | --- | --- | --- | 7.9 x 3.9 x 2.3 | --- | 2735 | 30.81 | 114 | 8288 | --- | --- |
| 4 | Rectangular, Red 60mm | --- | --- | --- | 7.9 x 3.9 x 2.3 | --- | 2745 | 30.81 | 114 | 8288 | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project:** ADP Scheme (Non-Residential Portion)

**Our Ref. No. CL/CED/ 9098-3 of 3** **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13143 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Terrazzo Tile, Grey | --- | --- | --- | 6 x 6 x 1 | --- | 1270 | 36 | 100 | 6222 | --- | --- |
| 2 | Terrazzo Tile, Grey | --- | --- | --- | 6 x 6 x 1 | --- | 1190 | 36 | 60 | 3733 | --- | --- |
| 3 | Terrazzo Tile, Red | --- | --- | --- | 6 x 6 x 1 | --- | 1455 | 36 | 80 | 4978 | --- | --- |
| 4 | Terrazzo Tile, Red | --- | --- | --- | 6 x 6 x 1 | --- | 1400 | 36 | 100 | 6222 | --- | --- |
| 5 | Terrazzo Tile, White | --- | --- | --- | 6 x 6 x 1 | --- | 1380 | 36 | 90 | 5600 | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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9878
Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project: ADP Scheme (Residential Portion)**

**Our Ref. No. CL/CED/ 9099-1 of 2** **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13139 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Machine Made "M" | --- | --- | --- | 8.5 x 4.2 x 2.7 | --- | 2490 | 35.7 | 38 | 2384 | --- | --- |
| 2 | Machine Made "M" | --- | --- | --- | 8.5 x 4.1 x 2.6 | --- | 2390 | 34.85 | 46 | 2957 | --- | --- |
| 3 | Machine Made "M" | --- | --- | --- | 8.5 x 4.1 x 2.6 | --- | 2415 | 34.85 | 36 | 2314 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**Witnessed by:**

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9878
Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project:** ADP Scheme (Residential Portion)

**Our Ref. No.** CL/CED/ 9099-2 of 2 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13139 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2595 | 29.64 | 130 | 9825 | --- | --- |
| 2 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2620 | 29.64 | 124 | 9371 | --- | --- |
| 3 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2575 | 29.64 | 86 | 6499 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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.

**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.

9876
Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project:** ADP Scheme 28 Nos. Residences

**Our Ref. No.** CL/CED/ 9100-1 of 2 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13147 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Machine Made "Z*K" | --- | --- | --- | 8.8 x 4.2 x 2.7 | --- | 2575 | 36.96 | 36 | 2182 | --- | --- |
| 2 | Machine Made "Z*K" | --- | --- | --- | 8.8 x 4.2 x 2.6 | --- | 2600 | 36.96 | 40 | 2424 | --- | --- |
| 3 | Machine Made "Z*K" | --- | --- | --- | 8.7 x 4.2 x 2.8 | --- | 2705 | 36.54 | 42 | 2575 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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.

**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.

9876
Dr. Umbreen

**To:** Superintendent
Office of Superintendent Central Jail, Bahawalpur.

**Project:** ADP Scheme 28 No.s Residences

**Our Ref. No.** CL/CED/ 9100-2 of 2 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** No.13147 **Dated:** 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 29/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Uni Block, Grey, 60mm | --- | --- | --- | 2.4 thick | --- | 3340 | 37.44 | 110 | 6581 | --- | --- |
| 2 | Uni Block, Grey, 60mm | --- | --- | --- | 2.4 thick | --- | 3260 | 37.44 | 94 | 5624 | --- | --- |
| 3 | Uni Block, Red, 60mm | --- | --- | --- | 2.4 thick | --- | 3375 | 37.44 | 124 | 7419 | --- | --- |
| 4 | Uni Block, Red, 60mm | --- | --- | --- | 2.4 thick | --- | 3315 | 37.44 | 94 | 5624 | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 compresssive 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.

9891
Dr. Umbreen

**To:** Mr. Muhammad Aftab
Projects Coordinator, Banu Mukhtar.

**Project:** Hyundai Nishat Motor Faisalabad.

**Our Ref. No.** CL/CED/ 9101 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** BMC/HNM/006-A **Dated:** 30/07/2025 ( BS 3921** )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 31/07/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 359 | --- | --- | --- | 8.8 x 4.1 x 2.8 | 3380 | 3065 | 36.08 | 32 | 1987 | 10.28 | --- |
| 2 | 359 | --- | --- | --- | 8.9 x 4.2 x 3 | 3490 | 3045 | 37.38 | 38 | 2277 | 14.61 | --- |
| 3 | 359 | --- | --- | --- | 8.8 x 4.2 x 2.8 | 3460 | 3140 | 36.96 | 38 | 2303 | 10.19 | --- |
| 4 | 359 | --- | --- | --- | 8.8 x 4.2 x 3 | 3790 | 3195 | 36.96 | 30 | 1818 | 18.62 | --- |
| 5 | 359 | --- | --- | --- | 8.6 x 4.2 x 2.9 | 3460 | 3170 | 36.12 | 34 | 2109 | 9.15 | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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

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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.

9871
Dr. Umbreen

**To:** Mr. Syed Hamid Abbas
Ravi Buiders (Pvt.) Ltd.

**Project:** Production Hall Extension for Orient Matrial (Pvt.) Limited at M3 Industrial City Faisalabad.

Our Ref. No. CL/CED/ 9102 Dated: 06/08/2025 Test Specification

Your Ref. No. UET/RCC/197/25 Dated: 28/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

Specimens received on: 29/07/2025 Tested on: 06/08/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S | --- | --- | --- | 8.9 x 4.3 x 3 | 3890 | 3485 | 38.27 | 44 | 2575 | 11.62 | --- |
| 2 | S | --- | --- | --- | 8.9 x 4.3 x 3 | 3780 | 3410 | 38.27 | 58 | 3395 | 10.85 | --- |
| 3 | S | --- | --- | --- | 9 x 4.3 x 3 | 3840 | 3420 | 38.7 | 42 | 2431 | 12.28 | --- |
| 4 | S | --- | --- | --- | 9 x 4.3 x 3 | 3890 | 3435 | 38.7 | 36 | 2084 | 13.25 | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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

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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.

9903
Dr. Umbreen

**To:** Engr. Zohaib Abbas, Engineer: Projects, Ittefaq Construction Associates
RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

**Project:** Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town, Lahore.

**Our Ref. No. CL/CED/** 9103 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 04/08/2025 **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 04/08/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Basement Ramp (3500 Psi) | 24 | 7 | 2025 | 6Diax12 | --- | 13 | 28.28 | 46 | 3644 | --- | Non Engraved |
| 2 | Basement Ramp (3500 Psi) | 24 | 7 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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
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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.

9913
Dr. Umbreen

**To:** Dr Ashraf Chohan
VENUES, Chohan Tower, Opposite Kinnaird College, Shadman II, Jail Road, Lahore.

**Project:** Construction of a Residential / Commercial Building located at 334 R Block, Johar Town, Lahore.

**Our Ref. No.** CL/CED/ 9104 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** Nil ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 05/08/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4500 Psi | 4 | 7 | 2025 | 6Diax12 | --- | 13 | 28.28 | 40 | 3168 | --- | Non Engraved |
| 2 | 4500 Psi | 4 | 7 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 3 | 4500 Psi | 4 | 7 | 2025 | 6Diax12 | --- | 13 | 28.28 | 60 | 4752 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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
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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.

9887
Dr. Umbreen

**To:** Sub Divisional Officer
Building Sub Division, Kasur

Project: Up-Gradation of Govt. Primary School to Elementary Level in Distt. Kasur One at Up-Gradation of Govt. Primary School Tara Garh Tehsil & Distt. Kasur (ADP G.S. No. 11 Block Allocation 2024-2025) (EMIS Code-35120359)

Our Ref. No. CL/CED/ 9105 Dated: 06/08/2025 Test Specification

Your Ref. No. 375/K Dated: 16/7/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 30/7/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | R.C.C SLAB (1:2:4) | 10 | 6 | 2025 | 6Diax12 | --- | 12.6 | 28.28 | 50 | 3960 | --- | Non Engraved |
| 2 | R.C.C SLAB (1:2:4) | 10 | 6 | 2025 | 6Diax12 | --- | 12.2 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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)
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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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.

9912
Dr. Umbreen

**To:** Mr. Omair Sadiq
Project Manager, Tokyo Hospital, Gujranwala

**Project:** Tokyo Hospital located at Main Sialkot near Tokyo Tower Mouza Hardo Chicharwali, Gujranwala (Structural Element- Column/Wall/Slab)

**Our Ref. No.** CL/CED/ 9106 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** THG/OS/2025/14 **Dated:** 04/08/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 05/08/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Columns Grid 2-6 and B-D | 28 | 7 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 30 | 2376 | --- | Engraved |
| 2 | Columns Grid 2-6 and B-D | 28 | 7 | 2025 | 6Diax12 | --- | 14 | 28.28 | 28 | 2218 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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)
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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.

**9907**
**Dr. Umbreen**

**To:** **M. Usman Hanief**
**High Rise Builders, 585, H3, Johar Town Lahore.**

**Project: Construction of Residential / Commercial Building Located at G-3-327 Johar Town Lahore.**

**Our Ref. No. CL/CED/ 9107** **Dated: 06/08/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: Nil** **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on: 04/08/2025 Tested on: 06/08/2025 in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 24 | 7 | 2025 | 6Diax12 | --- | 13 | 28.28 | 16 | 1267 | --- | Non Engraved |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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)
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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.

9910
Dr. Umbreen

**To:** Mr. Sohaib Afzal
Deputy Manager, ULTRA PACK (Pvt), Sundar Industrial Estate, Raiwind Road, Lahore

**Project:** Nil

**Our Ref. No.** CL/CED/ 9108 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 05/08/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 05/08/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Concrete Cylinder (1:1.5:3) | 8 | 7 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 2 | Concrete Cylinder (1:1.5:3) | 8 | 7 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 40 | 3168 | --- | Non Engraved |
| 3 | Concrete Cylinder (1:1.5:3) | 14 | 7 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 4 | Concrete Cylinder (1:1.5:3) | 14 | 7 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 5 | Concrete Cylinder (1:1.5:3) | 28 | 7 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 6 | Concrete Cylinder (1:1.5:3) | 28 | 7 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 48 | 3802 | --- | Non Engraved |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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


**ORIGINAL**
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9910
Dr. Umbreen

**To:** Mr. Sohaib Afzal
Deputy Manager, ULTRA PACK (Pvt), Sundar Industrial Estate, Raiwind Road, Lahore

**Project:** Nil

**Our Ref. No.** CL/CED/ 9108 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 05/08/2025 ( BS 1881-116 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 05/08/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Raft Concrete Cube (1:2:4) | 26 | 7 | 2025 | 6x6x6 | --- | 8 | 36 | 40 | 2489 | --- | Non Engraved |
| 2 | Raft Concrete Cube (1:2:4) | 26 | 7 | 2025 | 6x6x6 | --- | 8 | 36 | 42 | 2613 | --- | Non Engraved |
| 3 | Raft Concrete Cube (1:2:4) | 28 | 7 | 2025 | 6x6x6 | --- | 8 | 36 | 34 | 2116 | --- | Non Engraved |
| 4 | Raft Concrete Cube (1:2:4) | 28 | 7 | 2025 | 6x6x6 | --- | 8 | 36 | 34 | 2116 | --- | Non Engraved |
| 5 | Raft Concrete Cube (1:2:4) | 31 | 7 | 2025 | 6x6x6 | --- | 8 | 36 | 34 | 2116 | --- | Non Engraved |
| 6 | Raft Concrete Cube (1:2:4) | 31 | 7 | 2025 | 6x6x6 | --- | 8.2 | 36 | 34 | 2116 | --- | Non Engraved |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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.

9786
Dr. M. Yousaf

**To:** Mr. M. Hassan Khan
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

**Project:** Scheme #1 Rehabilitation / Improvement of Street (PCC) UC-31, 46, Shalamar Zone MCL

**Our Ref. No.** CL/CED/ 9110 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** 4084/103/LDP/SMZ(S-1)/04/43 **Dated:** 26/3/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 15/7/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8 x 3.8 x 3 | --- | 3645 | 29.64 | 119 | 8993 | --- | --- |
| 2 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8 x 3.8 x 3 | --- | 3500 | 29.64 | 122 | 9220 | --- | --- |
| 3 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3510 | 29.64 | 99 | 7482 | --- | --- |
| 4 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8 x 3.8 x 3 | --- | 3515 | 29.64 | 104 | 7860 | --- | --- |
| 5 | Rectangular, Red, 80mm | --- | --- | --- | 7.8 x 3.8 x 3 | --- | 3550 | 29.64 | 97 | 7331 | --- | --- |
| 6 | Rectangular, Red, 80mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3600 | 29.64 | 107 | 8086 | --- | --- |
| 7 | Rectangular, Red, 80mm | --- | --- | --- | 7.8 x 3.8 x 3 | --- | 3640 | 29.64 | 130 | 9825 | --- | --- |
| 8 | Rectangular, Red, 80mm | --- | --- | --- | 7.8 x 3.8 x 3 | --- | 3520 | 29.64 | 105 | 7935 | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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## Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895


**ORIGINAL**
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9786
Dr. M. Yousaf

**To:** Mr. M. Hassan Khan
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

**Project:** Scheme #1 Rehabilitation / Improvement of Street (PCC) UC-31, 46, Shalamar Zone MCL

**Our Ref. No.** CL/CED/ 9111 **Dated:** 06/08/2025 **Test Specification**

**Your Ref. No.** 4084/103/LDP/SMZ(S-1)/04/44 **Dated:** 26/3/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 15/7/2025 **Tested on:** 06/08/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | 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 Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2940 | 29.64 | 114 | 8615 | --- | --- |
| 2 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2855 | 29.64 | 118 | 8918 | --- | --- |
| 3 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2955 | 29.64 | 107 | 8086 | --- | --- |
| 4 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2850 | 29.64 | 121 | 9144 | --- | --- |
| 5 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2930 | 29.64 | 120 | 9069 | --- | --- |
| 6 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2930 | 29.64 | 120 | 9069 | --- | --- |
| 7 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2900 | 29.64 | 114 | 8615 | --- | --- |
| 8 | Rectangular, Red, 60mm | --- | --- | --- | 7.8 x 3.8 x 2.4 | --- | 2890 | 29.64 | 132 | 9976 | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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