

To,

Engr. Muhammad Irfan (Dy Dir Infra)

M/s DHA Gujranwala

Swapping Over of MDF Land with DHA Gwa (shifting of Infrastructure)

Reference # CED/TFL 7301 (Dr. Syed Asad Ali Gillani)

Dated: 31-07-2025

Reference of the request letter # 111/DD/Infra/Lab/MDF/29

Dated: 28-07-2025

Tension Test Report (Page-1/1)

Date of Test 31-07-2025

Gauge Length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

| Sr. No. | Actual Weight Per Unit Length (lb/ft) | Nominal Size (#) | Actual Diameter (inch) | Area (in ²) | | Yield Load (kN) | Breaking Load (kN) | Yield Stress (psi) | | Ultimate Stress (psi) | | Elongation (inch) | % Elongation | Remarks |
|---------|---------------------------------------|------------------|------------------------|-------------------------|--------|-----------------|--------------------|--------------------|--------|-----------------------|--------|-------------------|--------------|---------|
| | | | | Nominal | Actual | | | Nominal | Actual | Nominal | Actual | | | |
| 1 | 0.382 | 3 | 0.378 | 0.110 | 0.112 | 34.70 | 49.70 | 70889 | 69493 | 101532 | 99533 | 1.6 | 20.0 | - |
| 2 | 0.379 | 3 | 0.377 | 0.110 | 0.111 | 33.70 | 48.70 | 68846 | 67988 | 99489 | 98250 | 1.4 | 17.5 | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test

3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by: