

To,
 Memaar Associates
 UBL Susan Road Fsd

Reference # CED/TFL 7358 (Dr. Ubaid Ahmed)
 Reference of the request letter # Memar/UBL/S-01

Dated: 11-08-2025
 Dated: 09-08-2025

Tension Test Report (Page-1/1)

Date of Test 11-08-2025
 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 | 0.367 | 3 | 0.370 | 0.110 | 0.108 | 33.00 | 44.50 | 67416 | 68803 | 90909 | 92780 | 1.1 | 13.8 | - |
| 2 | 0.367 | 3 | 0.371 | 0.110 | 0.108 | 32.50 | 44.00 | 66394 | 67651 | 89888 | 91589 | 1.1 | 13.8 | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

| Bend Test | |
|--|--|
| # 3 Bar Bend Test Through 180 Degree is Satisfactory | |
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Test Performed and Verified by: