

To,

Syed Yasir Ali Shirazi (Director)

Netracon Technologies (Pvt.) Ltd.

GMTL-01: Procurement, Supply, Construction, Testing & Commissioning of 132/220KV Double Circuit Gorkin Matiltan Transmission Line (Witness by: Abdur Rehman Tausif, J.E Barqaab)

Reference # CED/TFL 7385 (Dr. Syed Asad Ali Gillani)

Dated: 18-08-2025

Reference of the request letter # 004-LT/NTT-HO/GMTL-01

Dated: 11-08-2025

Tension Test Report (Page-1/1)

Date of Test 19-08-2025

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 | 0.375 | 3 | 0.375 | 0.110 | 0.11 | 33.00 | 51.00 | 67416 | 67317 | 104188 | 104035 | 1.2 | 15.0 | - |
| 2 | 0.383 | 3 | 0.379 | 0.110 | 0.113 | 34.50 | 52.20 | 70480 | 68848 | 106639 | 104170 | 1.3 | 16.3 | - |
| 3 | 0.378 | 3 | 0.376 | 0.110 | 0.111 | 33.7 | 52 | 68846 | 68232 | 106231 | 105283 | 1.1 | 13.8 | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Note: Only 3 Samples for Tensile and 3 Samples for Bend test

Bend Test

3 Bar Bend Test Through 180 Degree is Satisfactory

3 Bar Bend Test Through 180 Degree is Satisfactory

3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Wajid Naeem (Project Administrator)
Muslim Hands Educational Complex
Construction of Girls Hostel Rooms at Muslim Hands Educational Complex, Sohdera, Wazirabad

Reference # CED/TFL 7388 (Dr. Syed Asad Ali Gillani)
Reference of the request letter # MHEC/ST/08/01

Dated: 19-08-2025
Dated: 19-08-2025

Tension Test Report (Page-1/1)

Date of Test 19-08-2025
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 | 0.369 | 3 | 0.372 | 0.110 | 0.108 | 30.70 | 46.20 | 62717 | 63629 | 94382 | 95754 | 1.3 | 16.3 | - |
| 2 | 0.373 | 3 | 0.374 | 0.110 | 0.11 | 30.50 | 45.70 | 62308 | 62552 | 93361 | 93726 | 1.2 | 15.0 | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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: