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# AmeriBolt

A Division of Lonestar Group

## MATERIAL TEST REPORT

AMB **LSF**

**PO#** P1383854 **SO#** 345219

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|---|---|---|---|
| **Item:** | 3/4-10 X 4-1/4 ALL THREAD STUD | | |
| **Material Specification:** | ASTM A193(17) B7 | | ZINC PLATED |
| **LOT#:** | W9326 | | |
| **Heat Number:** | 10609390 | | |
| **Tensile Strength KSI:** | 138 | **Yield Strength KSI:** | 127 |
| **Elongation:** | 19 | **Reduction of Area:** | 63 |
| **Hardness:** | 30 HRC | **Charpy Impact -20 F:** | 113/133/114 |
| **Macro Etch:** | S2/R2/C2 | **Tempering Temp.:** | 1326 F |
| **Quenched and Tempered** | | **Decarburization:** | 0.0035 |

| | | | |
|---|---|---|---|
| **Carbon (C):** | 0.410 | **Chromium (CR):** | 0.930 |
| **Manganese (MN):** | 0.880 | **Molybdenum (MO):** | 0.210 |
| **Phosphorus (P):** | 0.010 | **Copper (CU):** | NA |
| **Sulfur (S):** | 0.024 | **Nitrogen (N):** | NA |
| **Silicon (SI):** | 0.280 | **Nickel (NI):** | NA |
| **Cobalt (CO):** | NA | **Aluminum (AL):** | NA |
| **Vanadium (V):** | NA | **Tin (SN):** | NA |
| **Tungsten (W):** | NA | **Titanium (TI):** | NA |
| **Columbium/Niobium (NB/CB):** | NA | **Boron (B):** | NA |
| **Calcium (CA):** | NA | | |

"AmeriBolt is a Lonestar Fasteners approved bolting products supplier"

We hereby certify that the material was manufactured, sampled, tested and inspected per the most recent revision of the product or material specification. The foregoing data was furnished to us by our supplier or resulting from a test performed in a recognized laboratory and is on file in the records of the corporation.

Name: NAKITA EVANS

**18060 Highway 21 Sycamore, AL 35149. Phone (256) 249-6979. Fax (256) 249-8011**