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**ISO/IEC 17025:1999**



## **Mechanical Test Report: Tensile Properties**

Mr. Glenn Myrick  
**NCI BUILDING SYSTEMS**  
422 Kirby Drive  
Lexington, TN 38351

Report Date: 11/15/07  
**ME&T#:** 41875 & 41876  
Quote#: Verbal  
P.O.#: 1355144

Date Sample Received: 11/06/07  
Mill: NUCOR  
Specification: ASTM A572 Grade 50  
Alloy Content: Type 1

Universal Tester: 228  
Test Procedure: MPT-10.0, ASTM A370  
Operator: W.J. Werner  
Test Date: 11/14/07

## **TEST RESULTS**

	<b><u>ME&amp;T#</u></b> <b><u>41875</u></b>	<b><u>ME&amp;T</u></b> <b><u>41876</u></b>
Area (in <sup>2</sup> ):	0.156	0.155
Ultimate Tensile Strength (psi):	58364	57451
Yield Strength (psi):	44917	44796
Elongation (%):	41.0	40.1
Heat:	175515	175515
Coil:	175515-3B	175515-3B
Thickness (in):	0.3055	0.3055
Alloy Content:	Type 1	Type 1
CMTR Conformance (Tensile) ASTM A1018:	Yes	Yes
CMTR Conformance (Composition) ASTM A572 Grade 50:	Yes	Yes
Tensile Conformance to ASTM A572 Grade 50:	No	No

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner  
President, **ME&T**