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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#:** 41901 & 41902  
Quote#: Verbal  
P.O.#: 1355144

Date Sample Received: 11/06/07  
Mill: NUCOR  
Specification: ASTM A572 Grade 50  
Alloy Content: Type 2

Universal Tester: 228  
Test Procedure: MPT-10.0, ASTM A370  
Operator: W.J. Werner  
Test Date: 11/15/07

## **TEST RESULTS**

	<b><u>ME&amp;T#</u></b> <b><u>41901</u></b>	<b><u>ME&amp;T</u></b> <b><u>41902</u></b>
Area (in <sup>2</sup> ):	0.124	0.121
Ultimate Tensile Strength (psi):	63896	66693
Yield Strength (psi):	50470	54344
Elongation (%):	35.3	29.0
Heat:	275438	275438
Coil:	275438-1A	275438-1A
Thickness (in):	0.2415	0.2415
Alloy Content:	Type 2	Type 2
CMTR Conformance (Tensile) ASTM A1018:	Yes	Yes
CMTR Conformance (Composition) ASTM A572 Grade 50:	Yes	Yes
Tensile Conformance to ASTM A572 Grade 50:	No	Yes

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner  
President, **ME&T**