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**ISO/IEC 17025:1999**



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

Contact: Glenn Myrick

**NCI BUILDING SYSTEMS**

422 Kirby Drive

Lexington, TN 38351

Report Date: 07/23/07

**ME&T#:** 40989-90

Quote#: Verbal

P.O.#: 1352617

Date Sample Received: 07/19/07

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: 07/23/07

## **RESULTS**

	<b><u>ME&amp;T#</u></b> <b><u>40989</u></b>	<b><u>ME&amp;T#</u></b> <b><u>40990</u></b>
Area (in <sup>2</sup> ):	0.122	0.123
Ultimate Tensile Strength (psi):	75910	77461
Yield Strength (psi):	61996	64901
Elongation (%):	30.2	28.2
Heat:	171396	171396
Coil:	171396-5A	171396-5A
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:	Yes	Yes

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner  
President, **ME&T**