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Mechanical Test Report: Tensile Properties

Mr. Glenn Myrick
NCI BUILDING SYSTEMS

Report Date: 12/13/07
ME&T#: 41903 & 41904
Rework

422 Kirby Drive
Lexington, TN 38351

Quote#: Verbal
P.O.#: 1356153

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: 12/11/07

REWORK TEST RESULTS

	<u>ME&T#</u> <u>41903</u>	<u>ME&T</u> <u>41904</u>
Area (in ²):	0.124	0.122
Ultimate Tensile Strength (psi):	63603	62983
Yield Strength (psi):	48099	49505
Elongation (%):	33.7	35.4
Heat:	275438	275438
Coil:	275438-1B	275438-1B
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	No

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner
President, **ME&T**