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Mechanical Test Report: Tensile Properties

Mr. Glenn Myrick
NCI BUILDING SYSTEMS

Report Date: 12/12/07

ME&T#: **41873** &
41874 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 1

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>41873</u>	<u>ME&T</u> <u>41874</u>
Area (in ²):	0.154	0.155
Ultimate Tensile Strength (psi):	61308	61394
Yield Strength (psi):	50108	50822
Elongation (%):	34.8	35.2
Heat:	175515	175515
Coil:	175515-3A	175515-3A
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**