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Mechanical Test Report: Tensile Properties

Mr. Glenn Myrick
NCI BUILDING SYSTEMS

422 Kirby Drive
Lexington, TN 38351

Report Date: 12/15/07

ME&T#: 41869 &
41870 Rework

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

REWORK TEST RESULTS

	ME&T# <u>41869</u>	ME&T <u>41870</u>
Area (in ²):	0.155	0.155
Ultimate Tensile Strength (psi):	64394	62741
Yield Strength (psi):	50898	51597
Elongation (%):	38.3	37.6
Heat:	175048	175048
Coil:	175048-3B	175048-3B
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**