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Mechanical Test Report: Tensile Properties

Mr. Glenn Myrick
NCI BUILDING SYSTEMS
422 Kirby Drive
Lexington, TN 38351

Report Date: 01/07/08
ME&T#: 42133 & 42134 Rework
Quote#: Verbal
P.O.#: 1355144

Date Sample Received: 12/12/07
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: 01/03/08

REWORK TEST RESULTS

	<u>ME&T#</u> <u>42133</u>	<u>ME&T</u> <u>42134</u>
Area (in ²):	0.156	0.154
Ultimate Tensile Strength (psi):	58891	61868
Yield Strength (psi):	47455	50263
Elongation (%):	36.5	34.4
Heat:	175515	175515
Coil:	175515-2A	175515-2A
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