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Mechanical Test Report: Tensile Properties

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

Report Date: 10/16/07
ME&T#: **41490 & 41491**
RETEST
Quote#: Verbal
P.O.#: 1354209

Date Sample Received: 09/24/07
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: 10/04/07

RE-TEST RESULTS

	<u>ME&T#</u> <u>41490</u>	<u>ME&T</u> <u>41491</u>
Area (in ²):	0.121	0.122
Ultimate Tensile Strength (psi):	61899	62662
Yield Strength (psi):	44838	46381
Elongation (%):	33.6	34.4
Heat:	275434	275434
Coil:	275434-4B	275434-4B
Thickness (in):	.2415	.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**