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Mechanical Test Report: Tensile Properties

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

Report Date: 12/12/07
ME&T#: 41871 Rework
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

ME&T#
41871

Area (in ²):	<u>0.123</u>
Ultimate Tensile Strength (psi):	<u>63493</u>
Yield Strength (psi):	<u>53826</u>
Elongation (%):	<u>34.4</u>
Heat:	<u>175048</u>
Coil:	<u>175048-4A</u>
Thickness (in):	<u>0.2415</u>
Alloy Content:	<u>Type 1</u>
CMTR Conformance (Tensile) ASTM A1018:	<u>Yes</u>
CMTR Conformance (Composition) ASTM A572 Grade 50:	<u>Yes</u>
Tensile Conformance to ASTM A572 Grade 50:	<u>No</u>

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner
President, **ME&T**