

## Mill Certification 10/13/2014

MTR #: 0000058440 8812 Hwy 79 W Jewett, TX 75846 (903) 626-4461 Fax: (903) 626-6290

Sold To:

PLESA ANAHUAC Y CIAS SA DE CV AV VALLE DE LAB ALAMEDAS NO 66 0

NO 66 0 TULTITLANMEX 54940 MEXICO 551-08-38-570 Fax: 555-31-01-918

Ship To: PLESA TULTITLAN (LECHERIA) AV VALLE DE LAS ALAMEDAS NO. 66 -O COL. SAN FRANCISCO CHILP SPUR: 12-831-94 AND 12-832-94 LECHERIAMEX 54940 MEXICO

956-54-72-800

Customer P.O.	19251	Sales Order	207939.5
Product Group	Merchant Bar Quality	Part Number	2020025024004W0
Grade	A36/A529GR50/CSA44W/50W	Lot #	JW1410639601
Size	2x2x1/4 Angle	Heat #	JW14106396
Product	2x2x1/4 Angle 20' A36/A529-50/44W/50W	B.L. Number	J1-686457
. Description	A36/A529-50/44W/50W	. Load Number	J1-287442
Customer Spec		Customer Part #	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements

Roll Date: 8/2/2014 Qty Shipped Pcs: 162

C P a · Mn S Si Cu Ni Cr Mo<sup>a</sup> V Cb 0.13% 0.83% 0.015% 0.030% 0.19% 0.31% 0.15% 0.21% 0.055% 0.0348% 0.002%

Yield 1: 57,600psi (397MPa)

Tensile 1: 75,300psi (519MPa)

Elongation: 24% in 8"(% in 203.3mm)

Yield 2: 57,600psi (397MPa)

Tensile 2: 75,600psi (521MPa)

Elongation 26% in 8"(% in 203.3mm)

Specification Comments: MEETS THE REQUIREMENTS OF: ASTM A36/A36M-08, A529/A529-05 GR50(345), A709/A709M-10 GR36(250); CSA G40.21-04 GR44W(300W)&GR50W(350W); AASHTO M270/270M-10 GR36(270); ASME SA36/SA36M-10 MEETS REPORTING REQUIREMENTS OF EN10204 SEC 3.1

Comments: E-mail: websales@nstexas.com

1. All manufacturing processes of the steel, including melting, have been performed in the U.S.A.
2. Mercury in any form has not been used in the production or testing of this product.
3. Welding or weld repair was not performed on this material.
4. This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
5. Results reported for ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Isla R Vantari

Bhargava R Vantari Division Metallurgist