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 AV VALLE DE LAB ALAMEDAS  
 NO 66 0  
 TULTITLANMEX 54940  
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 551-08-38-570  
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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  
 LECHERIA MEX 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 #	JW1410639901
Size	2x2x1/4 Angle	Heat #	JW14106399
Product	2x2x1/4 Angle 20' A36/A529-50/44W/50W	B.L. Number	J1-685219
Description	A36/A529-50/44W/50W	Load Number	J1-287439
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 Melt Date: 7/29/2014 Qty Shipped LBS: 5,168 Qty Shipped Pcs: 81

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb
0.13%	0.85%	0.014%	0.030%	0.19%	0.26%	0.18%	0.22%	0.068%	0.0389%	0.001%

Yield 1: 57,900psi (399MPa)

Tensile 1: 76,500psi (527MPa)

Elongation: 27% in 8"(% in 203.3mm)

Yield 2: 59,000psi (407MPa)

Tensile 2: 76,700psi (529MPa)

Elongation 25% 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.

*Bhargava R Vantari*

Bhargava R Vantari  
 Division Metallurgist