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 AV VALLE DE LAB ALAMEDAS  
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 TULITLANMEX 54940  
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Ship To: ALMACEN FERROVIARIO ROAN SA DE  
 PERIFERICO MTG ALLENDE KM 34.1  
 ESCOBEDONL 54940  
 MEXICO  
 551-08-38-570  
 Fax: 555-31-01-918

Customer P.O.	19252	Sales Order	207888.11
Product Group	Merchant Bar Quality	Part Number	5337520024004W0
Grade	A36/A529GR50/CSA44W/50W	Lot #	JW1410731801
Size	3/8x2" Flat	Heat #	JW14107318
Product	3/8x2" Flat 20' A36/A529-50/44W/50W	B.L. Number	J1-685224
Description	A36/A529-50/44W/50W	Load Number	J1-287429
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: 8/28/2014 Melt Date: 8/26/2014 Qty Shipped LBS: 20,824 Qty Shipped Pcs: 408

ASTM A36/A36M-12, A709/709M-13 GR36, ASME SA36-10 Ed '11 Ad.  
 ASME SA36-2010 EDITION-2011 ADDENDA  
 ASTM A709/A709M-13 GR 36 [250]

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb
0.13%	0.82%	0.010%	0.025%	0.20%	0.23%	0.13%	0.16%	0.048%	0.0319%	0.000%

Yield 1: 61,100psi (421MPa)

Tensile 1: 77,800psi (536MPa)

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

Yield 2: 60,500psi (417MPa)

Tensile 2: 77,500psi (534MPa)

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.

*Bhargava R Vantari*

Bhargava R Vantari  
 Division Metallurgist