



**MATERIAL CERTIFICATION**

**CERTIFICATE NUMBER: 615- 40650-10**  
**DATE: 9/05/24**

**BILL OF LADING:** 615 - 40650 - 10  
**HEAT/MILL COIL:** 2410666 1199774040  
**SKID NUMBER:** 0  
**TAG NUMBER:** 23499 - 01 20420 lbs \* AM/NS CA  
**PROCESSED AS:** ASTM A36 Structural Steel Plate  
**REFERENCING:** ASTM A-36 Carbon Structural Steel

**COUNTRY OF ORIGIN:** MEXICO  
**PART NUMBER:** 1.0X60X240HR A36 - .  
**SIZE:** 1.0000 X 60.000 X 240.000  
**PRODUCT:** HR PL36 A36  
**CUSTOMER PO NUMBER:** SSW145639 1

<b>Element</b>	<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>SI</b>	<b>Cu</b>	<b>Ni</b>	<b>Cr</b>	<b>Mo</b>	<b>Al</b>	<b>Fe</b>	<b>Sb</b>
<b>Weight %</b>	.0540	.8600	.0090	.0020	.0200	.0040	.0030	.0100	.0010	.0390		
<b>Element</b>	<b>Nb</b>	<b>V</b>	<b>Ti</b>	<b>Zr</b>	<b>B</b>	<b>CA</b>	<b>N</b>	<b>H</b>	<b>O</b>	<b>Sn</b>	<b>Zn</b>	<b>Mg</b>
<b>Weight %</b>	.0340	.0010	.0020		.0001	.0021	.0037					
Carbon Equiv.(Calc'd): .20 (IIW) .10 (AWS D1.1) .20 (AWS) Corrosion Ind: .31 G101(6.3.1)												

We hereby represent that the above chemistry analysis is that of the supplying mill.

<b>Tensile Properties:</b> TTM: ASTM E8 2"											
<b>Loc/Dir</b>	<b>YS-PSI</b>	<b>TS-PSI</b>	<b>EL-%</b>	<b>NVal</b>	<b>Y/T</b>	<b>ROA%</b>	<b>Toughness (Charpy)</b>		<b>Energy</b>	<b>Grain</b>	<b>Size</b>
HD	62000	70000	60.0		88.5		Coupon:				
MD							Dir'n :			Bend Test	
TL							Temp. :				
ML							Units : Not Entered			Hardness/Scale	
									Avg		

AP FERALLOY - SINTON

*Mike P. Tanis*  
 MIKE P TANIS, QUALITY MANAGER  
 TEXAS DIVISION  
 SINTON TX 78387

This is to certify that the product described herein was manufactured, sampled, tested and/or inspected in accordance with the specification and fulfills requirements in such respects.