

910377000  
Z9N



# Phoenix \* Capitol \* Camco CapProducts

## Certified Mill Test Report

**Heat Code:** Z9N

**Heat Number:** 36892

**Item:** 15113016: 3 X 8" XHSMML BK STL NIPL

**Material:** ASTM A106-2011 / ASME SA106-2010 Edition

### Chemistry Properties

<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Cu</b>	<b>Cr</b>
0.1900	1.0500	0.0130	0.0080	0.2400	0.1700	0.0700
<b>Ni</b>	<b>Mo</b>	<b>V</b>	<b>Co</b>	<b>Al</b>	<b>Cb</b>	<b>N</b>
0.1000	0.0300	0.0010		0.0000	0.0000	
<b>Pb</b>	<b>Sn</b>	<b>Ta</b>	<b>Ti</b>	<b>C Eq. Long</b>		
				0.4032		

### Additional Chemical Properties


### Mechanical Properties

<b>Tensile(PSI)</b>	<b>Yield(PSI)</b>	<b>Elong. % in 2 in. or 4D</b>	<b>Reduction</b>	<b>HBW</b>	<b>HBW 2</b>
75400	50900	31%		153	156

### Charpy Minimum Impact - ft/lbs

<b>Test 1</b>	<b>Test 2</b>	<b>Test 3</b>	<b>Avg.</b>	<b>Test Temp.</b>

We hereby certify that these parts were manufactured, sampled, tested, and inspected in accordance with the product specifications stated and were found to meet the requirements. We further certify that this material was inspected using independent inspectors conforming to the requirements of EN 10204 3.1. These products meet the requirements of the latest editions of NACE MR0175, NACE MR0103, and ISO 15156. No weld repair has been performed on these products. This material was not exposed to mercury or any other metal alloy that is liquid at ambient temperatures during processing or while in our possession.

Meets ASME SA 106 Grade B Requirements.