



# WASHINGTON ALLOY CO.

A Division of U.S. Alloy Co.

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## CERTIFICATE OF CONFORMANCE

**PRODUCT #:** NI-55  
**SPECIFICATION:** AWS A5.15 ENiFe-CI  
**DIMENSIONS:**  
**HEAT #:**

### Typical Chemical Analysis

<b>Al</b> 1	<b>C</b> 2	<b>Cu</b> 2.5	<b>Fe</b> BAL	<b>Mn</b> 2.5	<b>Ni</b> 45-60	<b>S</b> .03
<b>Si</b> 4	<b>Others</b> 1					
<b>* Single values are maximum, except where specified otherwise.</b>						

### Mechanical Properties

<i>Tensile Strength</i>	58ksi - 84ksi	<i>Elongation</i>	6-18%
<i>Yield Strength</i>	43ksi - 63ksi	<i>Charpy Impact</i>	BRINELL HARDNESS: 165-218

Ferrites (for references purposes only):

### Remarks:

*This certification is provided by Washington Alloy Co. with the expressed understanding that if the product supplied fails to conform the stated specifications, there shall be no personal liability of any kind on the undersigned and the obligation and liability of Washington Alloy Co., with respect to such non-conformance or specification failure, shall be limited to*

- a) an obligation to furnish the purchaser, at no additional charge, material that meets the specifications and conformances or*
- b) to refund to the purchaser the full amount of money paid to Washington Alloy Co. for the return of the product in full.*

*In no event shall Washington Alloy Co. be liable for consequential damage.*

Certification Administrator