



CASCADE STEEL ROLLING MILLS, INC.  
 3200 N Highway 99W P.O. Box 687  
 McMinnville, Oregon 97128-9399

January 1, 2018

**CERTIFICATE OF COMPLIANCE – ASTM A36**

As indicated on the Mill Test Reports, I certify that all the manufacturing processes of Cascade Steel Rolling Mills, Inc. occurred in the United States of America. Certifications that do not indicate “Made in America” are made from steel purchased outside the United States.

Our structural products conform to ASTM A36-14 as indicated on test reports. The steel shipped is in fact composed of the heats indicated on the Mill Test Report and is represented by results obtained from heat samples tested in accordance with ASTM A6-16a and ASTM A36-14 specifications for sampling, chemical analysis, physical testing and measuring.

Chemical Requirements		Bars		
Element - Max %	Shapes	To 3/4", incl	Over 3/4" to 1-1/2", incl	Over 1-1/2" to 4", incl
Carbon	0.26	0.26	0.27	0.28
Manganese	N/A	N/A	0.60-0.90	0.60-0.90
Phosphorus	0.04	0.04	0.04	0.04
Sulfur	0.05	0.05	0.05	0.05
Silicon	0.40	0.40	0.40	0.40

Tensile Requirements	All Products
Yield Strength, min, ksi	36
Tensile Strength, min, ksi	58
Tensile Strength, max, ksi	80
Elongation in 8", min, %	20

Jeff Kramer  
 Manager, Quality Assurance  
 Cascade Steel Rolling Mills, Inc.