



January 4, 2010

CERTIFICATE OF COMPLIANCE

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. *1

Our reinforcing steel conforms to CSA G30.18M-09 grade 400W or 400R 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 on heat samples tested in accordance with CSA G30.18M-09 grade 400W or 400R specification for sampling, chemical analysis, physical testing and measuring. The average spacing and height of deformations have been measured and found to be in accordance with the requirements of CSA G30.18M-09 grade 400W or 400R.

CHEMICAL REQUIREMENTS			
Element Max %	Grade	CSA G30.18 400W	CSA G30.18 400R
Carbon		0.3	Not specified
Manganese		1.6	Not specified
Phosphorus		0.035	0.05
Sulfur		0.045	Not specified
Silicon		0.5	Not specified
Carbon Equivalent Maximum		0.55	Not specified
TENSILE REQUIREMENTS			
	Grade	CSA G30.18 400W	CSA G30.18 400R
Tensile Strength, min, [MPa]		540	540
Yield Strength, min, [MPa]		400	400
Yield Strength, max, [MPa]		525	n/a
Elongation in 200 mm, min %			
Bar Number 10		13	10
Bar Numbers 15, 20		13	10
Bar Number 25		13	9
Bar Numbers 30, 35		12	8
Bar Numbers 45, 55		12	7

*1 Certifications which do not indicated made in America are made from steel purchased outside the United States.

*2 Tensile Strength shall not be less than 1.15 times actual yield strength.

Thomas E. Murphy
 Director of Quality Control
 Cascade Steel Rolling Mills, Inc.