

APPENDIX A – APPROVED REINFORCING STEEL PRODUCERS

The ASTM specifications for billet-steel and low-alloy reinforcing bars (A615 and A706, respectively) require identification marks to be rolled into the surface of one side of the bar to denote the producer's mill designation, bar size, type of steel and minimum yield designation. Grade 420 bars show these marks in the following order.

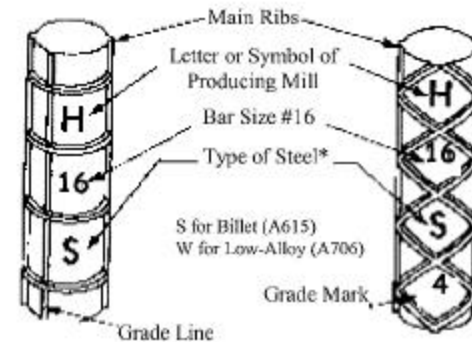
1st – Producing Mill (usually a letter)

2nd – Bar Size Number (#10 through #57)

3rd – Type of Steel: **S** for Billet (A615)

W for Low-Alloy (A706)

4th – Minimum Yield Designation



The minimum yield designation for Grade 420 bars is either one (1) single, longitudinal line (grade line) or the number 4 (grade mark).

A grade line is smaller and is located between the two main ribs, which are on opposite sides of all bars made in the United States. A grade line must be continued through at least 5 deformation spaces, and it may be placed on the side of the bar opposite the bar marks. A grade mark is the fourth mark on the bar.

VARIATIONS: Bar identification marks may also be oriented to read horizontally (90° to those illustrated). Grade numbers may be placed within consecutive deformation spaces to read vertically or horizontally.

The identification marks for the Approved Producers are shown in the following figures. Rebar grades shown on these pages are for reference only. Check the specs for the appropriate requirements

Cascade Steel Rolling Mills, Inc.
(McMinnville, OR)

CRSI

S



Bars #10 through #22 only

GR 60

S



Bars #25 through #36 only

GR 60

W



Bars #10 through #22 only

GR 60

S



Bars #43 and #57 only

GR 60

W



Bars #25 through #36 only

GR 60

ODOT ID# 1111

Nucor Steel-Utah
(Plymouth, UT)

CRSI

S



Bars #10 through #25 only (#10 through #19 coiled)

GR 60

S



Bars #19 through #36 only

GR 60

W



Bars #10 through #36 only

GR 60

W



Bars #13 through #25 only

GR 60

ODOT ID# 1112

Evraz Rocky Mountain Steel
(Pueblo, CO)

CRSI

SW



Coiled bars #10 and #13 only

GR 60

SW




Coiled bar #16 only

GR 60


ODOT ID# 1621 was CF & I

Gerdau Ameristeel (current markings) **CRSI**
 (Wilton, IA)

S 

Bars #10 through #16 only; Grade mark line on opposite side
 "I" is first mark (as shown) or under "S" **GR 60**


Gerdau Ameristeel (revised markings) **CRSI**
 (Wilton, IA)

S 


Bars #10 through #25 only
 Grade mark line on opposite side **GR 60**

ODOT ID# 1622

ArcelorMittal Vinton, Inc. **CRSI**
 (El Paso, TX)

S 


Bars #10 through #36 only **GR 60**

W 


Bars #10 through #36 only **GR 60**

ODOT ID# 1841


Gerdau Ameristeel (current markings) **CRSI**
 (St. Paul, MN)

S 

Bars #13 through #57 only **GR 60**

S 


Bars #14J and #18J ("Jumbo") only **GR 75**

S 


Bars #43 and #57 only **GR 60**

ODOT ID# 1623


TAMCO **CRSI**
 (Rancho Cucamonga, CA)

S 

Bars #13 through #57 only **GR 60**

W 

Bars #13 through #57 only **GR 60**

S 

Bars #13 through #57 only **GR 75**

ODOT ID# 1842

Nucor Steel Seattle, Inc.
(Seattle, WA) 

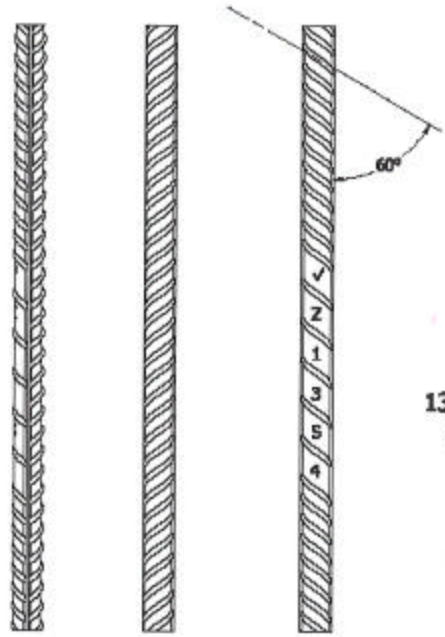
S  

W  

S  
Bars #16 through #57 only

ODOT ID# 2935

CMC Steel – Mesa Arizona



Side Back Front

13-36 MM Rebar
Not to scale

ODOT ID# 4118 (11/8/10)