

Appendix A—Approved Reinforcing Steel Producers

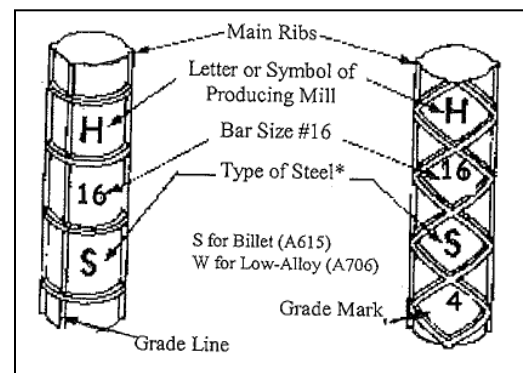
The ASTM specifications for billet-steel and low-alloy reinforcing bars (A615 and A706, respectively) require identification marks to be rolled into the surface of one side of the bar to denote the producer’s mill designation, bar size, type of steel and minimum yield designation. Grade 420 bars show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

1st ---Producing Mill (usually a letter)

2nd --- Bar Size Number (# 4 through # 18)

3rd --- Type of Steel: **S** Billet (A 615)
W for Low Alloy (A 706)

4th ---Minimum Yield Designation

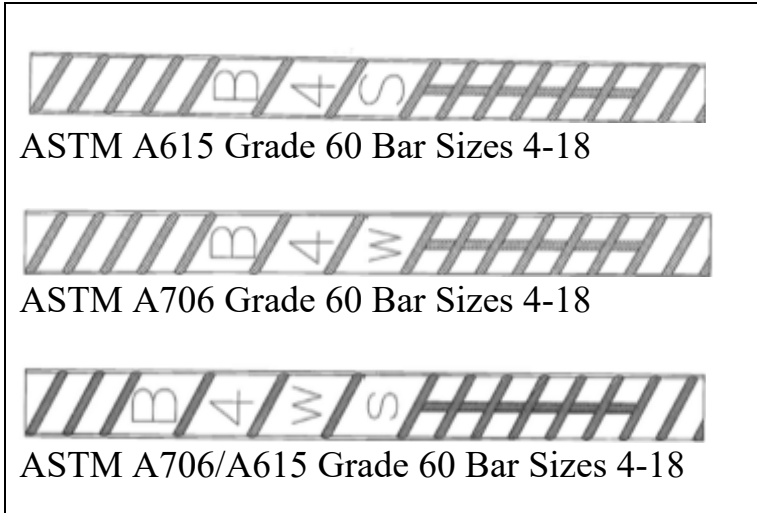


The minimum yield designation for Grade 420 bars is either one (1) single, longitudinal line (grade line) or the number 4 (grade mark).

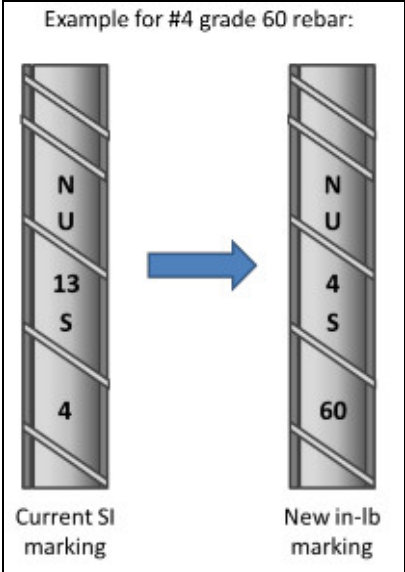
A grade line is smaller and is located between the two main ribs, which are on opposite sides of all bars made in the United States. A grade line must be continued through at least 5 deformation spaces, and it may be placed on the side of the bar opposite the bar marks. A grade mark is the fourth mark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

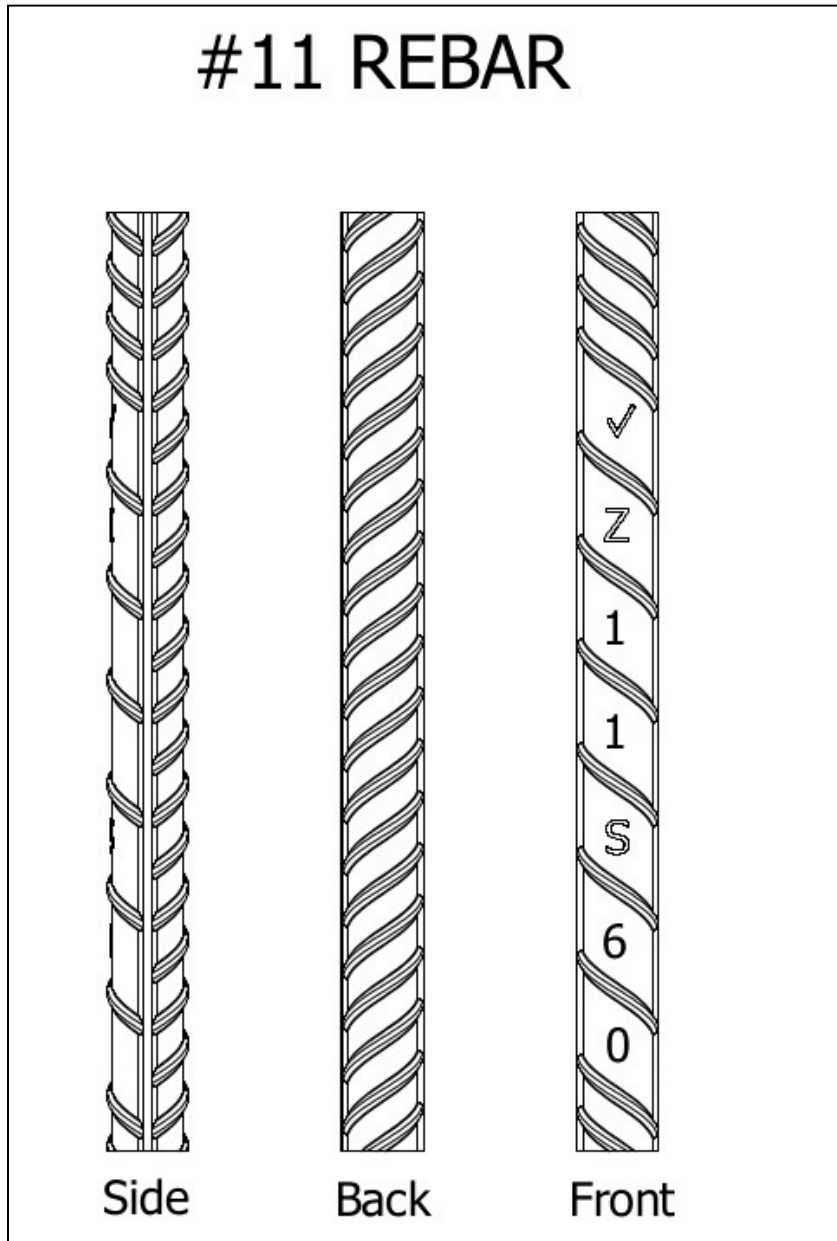
The Identification marks for the Approved Producers are shown in the following figures. Rebar grades shown on these pages are for reference only. Check the specs for the appropriate requirements.









Vinton Steel-Vinton Texas ODOT # 1841



Nucor Steel Utah ODOT # 1112

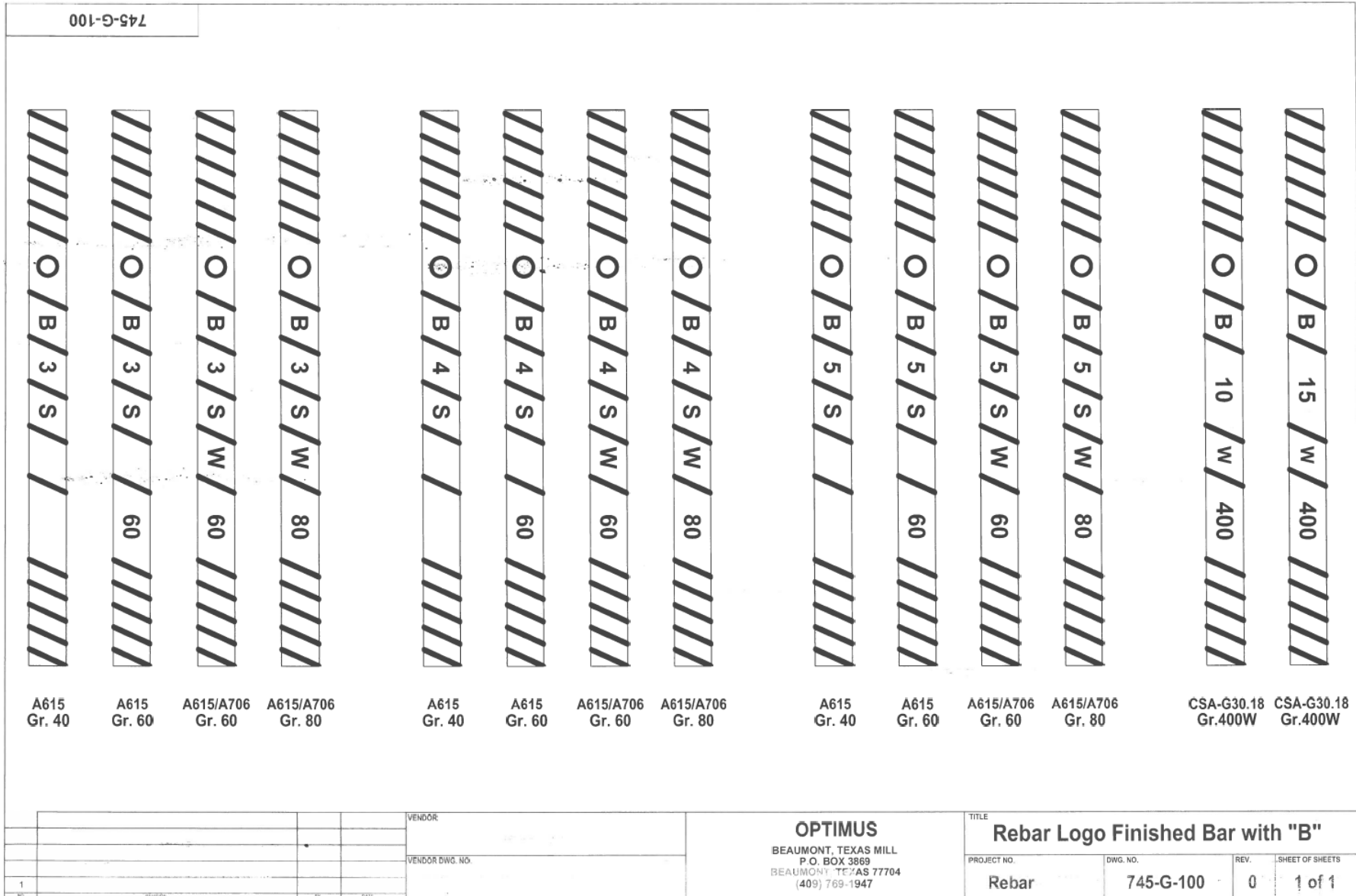


CMC Steel Mesa Arizona ODOT #4118

A615			A706		
Gr 60	Gr 75	Gr 80	Gr 60	Gr 80	A706/A615 Dual
					

Size: 4, 5, 6, 7, 8, 9, 10, 11, 14, 18

Nucor Steel Seattle Washington ODOT # 2935



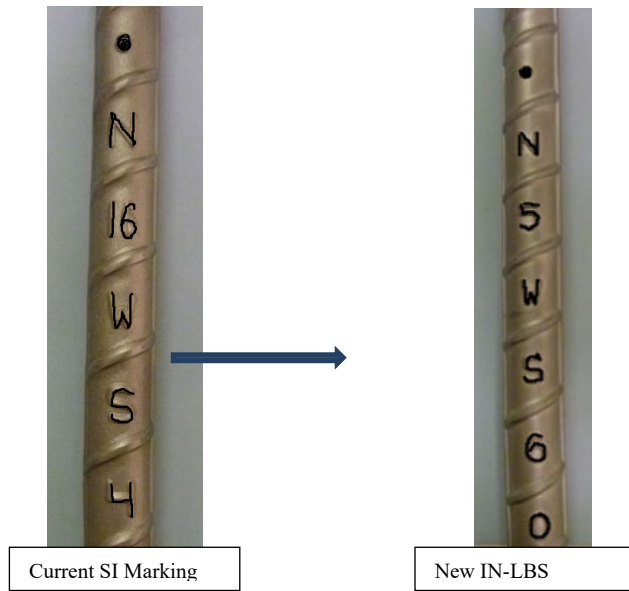
Optimus Beaumont Texas ODOT #4838

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



Cascade Steel Mc-Minnville Oregon
ODOT # 1111

S GR 60		Bars #3 through #6 only	S GR 75		Bars #14 and #18 only
W GR 60		Bars #3 through #6 only	S GR 80		Bars #3 through #11 only
W GR 60		Bars #14 and #18 only	S GR 80		Bars #14 and #18 only
SW GR 60		Bars #3 through #11 only (#3 through #6 coiled)	W GR 80		Bars #3 through #11 only
SW GR 60		Bars #14 and #18 only	W GR 80		Bars #14 and #18 only
S GR 75		Bars #3 through #11 only (#3 through #6 coiled)	SW GR 80		Bars #3 through #6 coiled

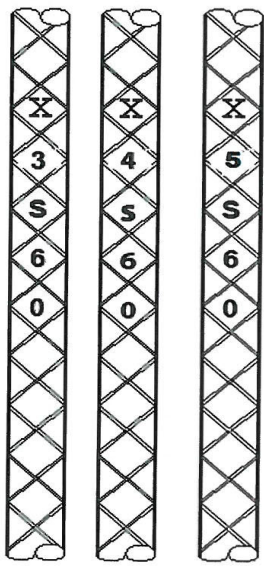


NUCOR STEEL – KINGMAN, AZ
ODOT #4356

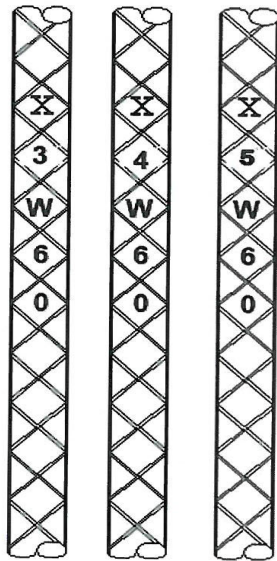
A706/A615 GRADE 60 REBARS MARKINGS
Rebar sizes: #3 thru #6

**EVRAZ INC, NA PUEBLO, COLORADO
ODOT #1621 (COILED REBAR #3-#6)**

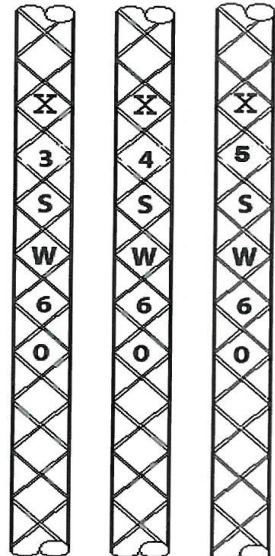
January 8, 2014 [EVRAZ ROD/BAR MILL REBAR MARKINGS]



A-615



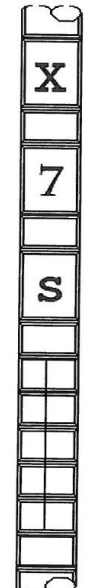
A-706



A-615/A706
Dual



A-615



A-706



NUCOR-BAURBONNAIS (KANKAKEE)
BAR SIZE #3-#11
ODOT #4943



NUCOR STEEL - KANKAKEE
BARS #3-#11 BAR A706 ONLY

CMC Steel Oklahoma

Durant, OK



S
GR 60



Bars #3 through #18 only

W
GR 60



Bars #3 through #18 only

S
GR 75



Bars #3 through #18 only

S
GR 80



Bars #3 through #18 only

W
GR 80



Bars #3 through #18 only

S
GR 100



Bars #3 through #18 only

CMC STEEL-DURANT OKLAHOMA
#4-#11 STRAIGHT #3-#6 COILED
ODOT #5138

**STEEL DYNAMICS ROANOKE BAR
DIVISION
#4-#11 STRAIGHT
ODOT #5261**



CMC STEEL FLORIDA
#3-#5 COILED
ODOT #5262

CMC STEEL TEXAS
A615 GRADE 60, #3-#11 STRAIGHT
A706 GRADE 60, #3-#11 STRAIGHT
ODOT #5313

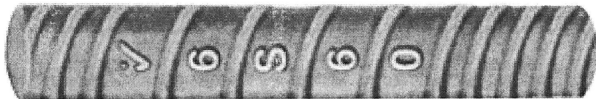


CMC STEEL SOUTH CAROLINA
A615 GRADE 60, 80, 100 #3-#18 STRAIGHT
A706 GRADE 60, 80 #3-#18 STRAIGHT
ODOT #5263

CMC Steel South Carolina
 Cayce, SC

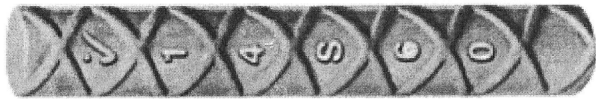


S
 60



Bars #3 through #11 only

S
 60



Bars #14 and #19 only

W
 60



Bars #3 through #11 only

W
 60



Bars #14 and #19 only

Commercial Metals Company South Carolina



Bars #3 through #11 only



Bars #14 and #19 only



Bars #3 through #11 only



Bars #14 and #19 only

ASTM A1035 CS & CM (AAHSTO M334)

ChrōmX 9100 CS
SIZE #3-#11
PRODUCED BY:
CASCADE STEEL ROLLING MILLS, INC.
ODOT #3517

ChrōmX 4100 CM
SIZE #4-#11
PRODUCED BY:
CASCADE STEEL ROLLING MILLS, INC.
ODOT #5249



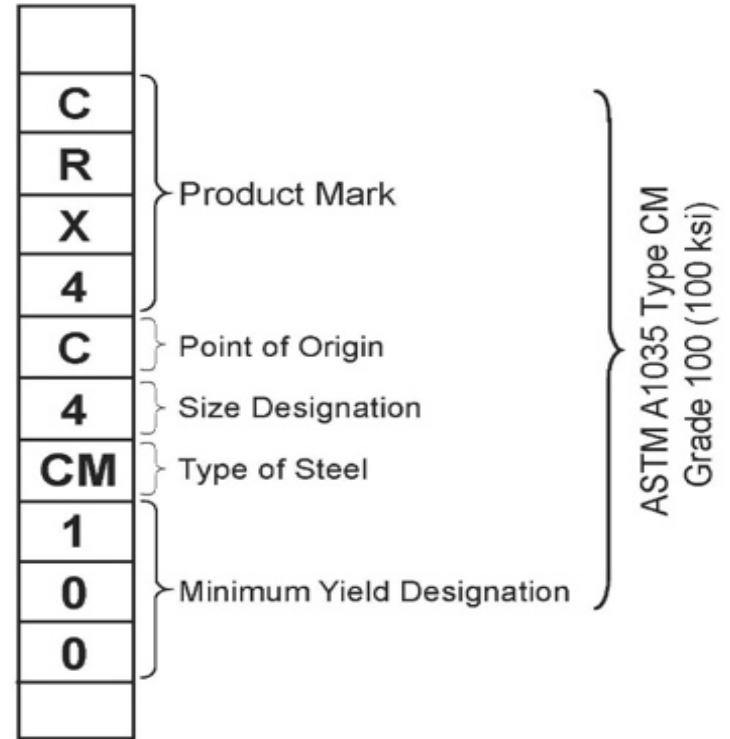
Bars #3 through #9 (#3 through #6 coiled)



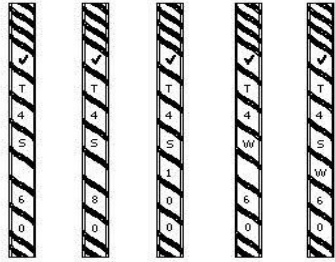
Bars #10 and #11 only



Bars #14 and #18 only

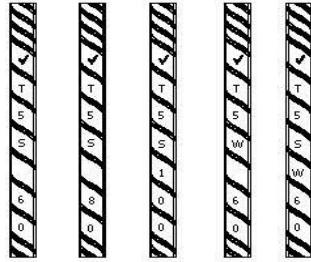


#4 REBAR



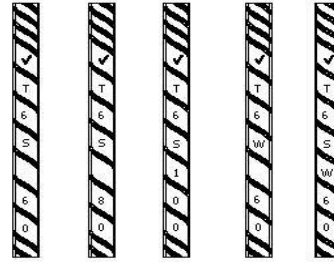
Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#5 REBAR



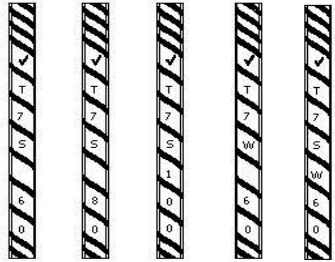
Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#6 REBAR



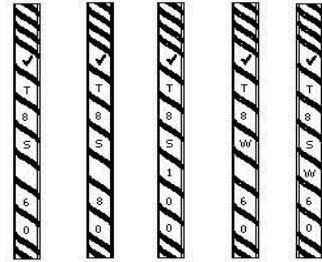
Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#7 REBAR



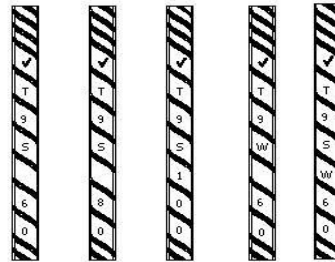
Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#8 REBAR



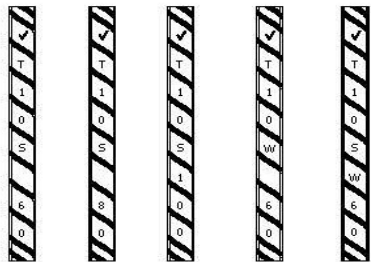
Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#9 REBAR



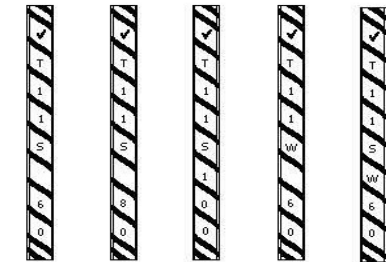
Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#10 REBAR

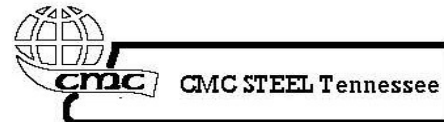


Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue

#11 REBAR



Grade 60 Yellow Grade 80 Purple Grade 100 Gold A706 W Orange Dual Blue



CMC STEEL TENNESSEE KNOXVILLE
A615 GRADE 60, (#3-#11) A615 GRADE 80, 100 (#4-#11)
A706 GRADE 60, 80 (#3-#11) A615/A706 GRADE 60 (#4-#11)
ODOT #5333