



1. A color coding of “black” on an anchor rod indicates that the yield strength of the rod is:
  - a. Unknown
  - b. 36 ksi
  - c. 50 ksi
  
2. To reduce fit-up problems in the field it is better to:
  - a. Use small diameter anchor rods, or
  - b. Fewer large diameter anchor rods
  
3. True or False: One should use the hole diameters in base plates smaller than AISC recommended diameters to achieve a better fit of members in a frame.
  - a. True
  - b. False
  
4. True or False: It is recommended that the engineer of record specify that the erector should decide when to grout base plates.
  - a. True
  - b. False
  
5. What is the maximum diameter that one can obtain for ASTM F1554 Gr. 105 anchor rods?
  - a. 4 inches
  - b. 3 inches
  - c. 6 inches
  - d. None of the above
  
6. True or False: Always camber spandrel beams to obtain level members.
  - a. True
  - b. False
  
7. True or False: It is a good idea to camber 8 in. beams when they span 20 ft.
  - a. True
  - b. False



Steel Construction: From the Mill to Topping Out  
Quiz for Session 7: Field Fixes and Solutions – December 3, 2018  
Due: December 24, 8:00 a.m. EST – Submit through the online form

8. The AISC *Code of Standard Practice* indicates that camber should be measured on beams and girders when:
  - a. They arrive at the job site
  - b. Once erected
  - c. In the fabrication shop in an un-stressed position
  
9. Welding beam flanges to stiffeners in a column one should size the stiffener thickness to be:
  - a. Smaller than beam flange thickness
  - b. Equal to the beam flange thickness
  - c. Greater than the beam flange thickness
  - d. Only the required thickness by design
  
10. When welding to embed plate in concrete walls it is best to:
  - a. Preheat the embedment plate
  - b. Use large fillet welds of short length
  - c. Use small fillet welds of longer length.

