Steel Construction: From the Mill to Topping Out
Quiz for Session 3: Steel Fabrication – October 29, 2018
Due: November 19, 8:00 a.m. EST – Submit through the online form

AISC
Night School

Note the following abbreviations:

COSP – *Code of Standard Practice*
Specification – Specification for Structural Steel Buildings
Manual – Steel Construction Manual
AWS – American Welding Society
RCSC Bolt Specification - *Specification for Structural Joints Using High-Strength Bolts*

1. What is the preferred grade for wide flange material?
   a. ASTM A36
   b. ASTM A992
   c. ASTM A572 Gr 50
   d. ASTM 709 Gr 50

2. What is the preferred grade for plate?
   a. ASTM A588
   b. ASTM A709 Gr 36
   c. ASTM A572 Gr 50
   d. ASTM A1043 Gr 50

3. Where can you find preferred material grades?
   a. *Manual* Table 2-4 and 2-5
   b. *COSP* Section 5
   c. *Specification* Chapter M
   d. AWS D1.1 Chapter 5

4. Where can you find typical column splice details?
   a. *COSP* Section 5
   b. *Specification* Chapter M
   c. *Manual* Table 14-3
   d. AWS D1.1 Chapter 5

5. Where can you find information about approval documents?
   a. AWS D1.1 Chapter 2
   b. *Specification* Chapter N
   c. *COSP* Section 4
   d. *Specification* Chapter M

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6. Where can you find information about the different options for connection design responsibility?
    a. AWS D1.1 Chapter 2.7
    b. *COSP* Section 3.1.1
    c. *Specification* Chapter J
    d. *Manual* Part 9

7. Where can you find information on the material sizes being rolled?
    a. Steel mill websites
    b. AISC website
    c. AWS website
    d. AISI website

8. Where can you find information on material identification / traceability?
    a. AWS D1.1 Chapter 2
    b. *Specification* Chapter N
    c. *COSP* Section 6
    d. *Specification* Chapter M

9. What standard governs the use of structural bolts for steel connections?
    a. AWS D1.1
    b. RCSC Bolt Specification
    c. *Specification*
    d. *COSP*

10. What standard governs structural welding?
    a. AWS D1.1
    b. *RCSC* Bolt Specification
    c. *Specification*
    d. *COSP*