



- 1) The most typical contractual arrangement is:
 - a. Design-Bid-Build
 - b. Design-Build
 - c. Design-Detail
 - d. Design-Fab
 - e. Trick question: It's hard to say what's typical.

- 2) Which of the following is NOT part of the contract documents?
 - a. Specifications
 - b. Erection Drawings
 - c. Design Drawings
 - d. Design Model
 - e. B and D

- 3) Which of the following must be shown on the design documents?
 - a. The project schedule
 - b. The lateral force resisting system description
 - c. Standard erection tolerances
 - d. The rolling schedule
 - e. All of the Above

- 4) About how much carbon is in structural steel?
 - a. 5%
 - b. 2%
 - c. 0.25%
 - d. 0.0001%
 - e. None

- 5) What is the current standard specification for high strength structural bolts?
 - a. ASTM A36
 - b. ASTM A992
 - c. ASTM A325
 - d. ASTM F1852
 - e. ASTM F3125

- 6) What is NOT a way to make holes in steel material?
 - a. Band Saw
 - b. Plasma Table
 - c. Punch
 - d. Robotic Coping Machine
 - e. Mag Drill



Steel Construction: From the Mill to Topping Out

Quiz for Session 1: Introduction to the Steel Construction Process – October 15, 2018

Due: November 5, 8:00 a.m. EST – Submit through the online form

- 7) What is BIM (as it relates to the steel construction team)?
 - a. Built In Monitoring
 - b. Building Information Modeling
 - c. British Institute of Management
 - d. Business Interaction Model
 - e. Bill of Interesting Materials

- 8) How many connection design options are there?
 - a. Just one: The EOR designs all connections
 - b. Two: 1 and 2.
 - c. Three: 1, 2, and 3
 - d. Four: 1, 2, 3A, and 3B
 - e. Four: 1, 2, 3, and 4

- 9) Who is responsible for designing bearing stiffeners and openings away from connections?
 - a. The ODRD
 - b. The Detailer
 - c. The Fabricator
 - d. The Connection Designer
 - e. A and D

- 10) Who is responsible for the means and methods of construction?
 - a. The ODRD
 - b. The ODRC
 - c. The Erector
 - d. The Erection Engineer
 - e. A, B and C



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