



1. Why are there ten times as many erectors as fabricators in the U.S.?
 - a. Erectors only do work locally
 - b. Fabricators have to have rail access to their plants
 - c. Capital costs to start a fabrication facility are much greater than an erection company
 - d. Field erection is more rewarding than shop work

2. What is the most common source of bid opportunities for erection work?
 - a. The Dodge Report
 - b. Project Owners
 - c. General Contractors
 - d. Fabricators that the erector has worked for in the past

3. What standard has generally accepted trade practices for the Structural Steel Industry?
 - a. The AISC *Code of Standard Practice*
 - b. US CRF 1926.750 Steel Erection Safety
 - c. The contract between the Owner and the ODRC
 - d. The AISC *Steel Construction Manual*

4. What are the main elements of a steel erection estimate?
 - a. Steel tonnage for the job
 - b. Piece count, weld quantity, deck and stud quantity, bolt quantity, hoisting requirements
 - c. OSHA safety requirement
 - d. ODRC field management team

5. Who is responsible for providing a bond for a construction project?
 - a. The owner
 - b. The ODRC
 - c. The fabricator
 - d. The erector
 - e. May be a combination of b,c and d



Steel Construction: From the Mill to Topping Out

Quiz for Session 5: It Doesn't Get Built Without the Erector– November 19, 2018

Due: December 10, 8:00 a.m. EST – Submit through the online form

6. True or False: An erector may stop work at any time to force resolution of disputes with the fabricator or ODRC?
 - a. True
 - b. False
 - c. Depends on the content of the erection contract.

7. Who is responsible for the method of erection per the Code of Standard Practice?
 - a. The erector
 - b. The fabricator
 - c. The ODRC
 - d. The ODRD

8. What is the basic objective of the Architecturally Exposed Structural Steel Category Matrix?
 - a. To specify the orientation of bolt heads exposed to view
 - b. To assure the adhesion of paint on the exposed steel
 - c. To clarify the requirements for bidding and execution purposes, and to help ensure the visual expectations of the designer are met
 - d. Define legal requirements for safety

9. What is not a major component of welding cost?
 - a. Position of welding
 - b. Groove design
 - c. Complete joint penetration VS Partial Joint Penetration weld type
 - d. Cost of weld filler metal

10. What is the major erection concern when connecting steel frames to cast in place concrete?
 - a. Concrete strength vs. steel strength
 - b. Damage to concrete caused by welding to embed plates
 - c. Silica dust generation when bolting to concrete
 - d. The difference between concrete placement tolerances and steel erection tolerances



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