



1. Who is the final authority in the event of a disagreement between parties regarding the design of connections?
 - a. The fabricator
 - b. The licensed engineer working for the fabricator
 - c. The owner's designated representative for design
 - d. The owner's designated representative for construction

2. Connection design has _____ effect on the cost of the structure.
 - a. a significant
 - b. a small
 - c. no
 - d. a detrimental

3. The *Code of Standard Practice* requires which of the following loads to be provided when connection design is delegated?
 - a. gravity loads
 - b. loads sufficient to allow the design of the connection details
 - c. only loads requested by the fabricator
 - d. all loads

4. The *Code of Standard Practice* _____ requires substantiating connection information to be submitted.
 - a. never
 - b. always
 - c. sometimes
 - d. seldom

5. Larry Muir, the presenter for Session 1, recommends that substantiating connection information _____ be submitted.
 - a. never
 - b. always
 - c. sometimes
 - d. seldom needs to



Connection Design: Tips, Tricks & Lessons Learned

Quiz for Session 1: Delegated Connection Design: The Basics – February 4, 2019

Due: February 25, 8:00 a.m. EST – Submit through the online form

6. The approval process in the *Code of Standard Practice*...
 - a. is optional.
 - b. is intended to ensure that the necessary communication occurs and that the design intent is satisfied.
 - c. is a way for the EoR to pad their fees.
 - d. is the cause of most project discrepancies.

7. AISC has produced...
 - a. one comprehensive Design Guide related to connection design.
 - b. a couple of Design Guides on topics other than connection design.
 - c. over 30 Design Guides, including many on connection design.

8. The AISC Design Examples...
 - a. provide requirements.
 - b. are intended to allow engineers to give their brains and rest and just plug-and-chug for a while.
 - c. are not intended to suggest that the approach presented is the only approach.
 - d. are found in the back of the 15th Edition *Steel Construction Manual*.

9. True or False: Many of the equations and methods in the *Steel Construction Manual* are intended to be too complex for the average engineer to comprehend.
 - a. True
 - b. False

10. Pretensioning a joint _____ the strength of a bolt relative to applied tension.
 - a. significantly reduces
 - b. significantly increases
 - c. generally has little effect on
 - d. produces



Copyright © 2019

American Institute of Steel Construction