The Structural Steel Inspector's Workbook, 2014 edition, is written by Bob Shaw of the SSTC and published jointly by the SSTC and the International Code Council. This workbook can be used as a training tool or study guide for structural steel building inspectors, especially for those preparing to take the S1 and/or S2 Special Inspector certification examinations. It may also be used as test material to evaluate the knowledge and skills of structural steel inspectors. The Workbook contains key points for each section, multiple choice questions, and an answer key at the back with the specific code provision citation. Approximately 400 questions are prepared for study and evaluation.

The Workbook contains 21 chapters:

2. Model Program for Special Inspection
3. Special Inspection Manual
4. Terms and Definitions
5. Structural Steel Materials
6. Steel Fabrication
7. Steel Erection
8. High Strength Bolting Materials
9. Bolt Installation and Inspection
10. Welding Processes and Filler Metals
11. Welded Connections
12. Welding Prequalification and Qualification
13. Welded Fabrication
14. Welding Inspection
15. Shear Connector Welding
16. Sheet Steel Welding
17. Reinforcing Steel Welding
18. Welding Symbols
19. Open Web Steel Joists and Joist Girders
20. Steel Floor and Roof Decks
21. Seismic Connections
The Workbook draws questions from the following references:

**International Code Council**
- Model Program for Special Inspection (2012)
- Special Inspection Manual (2012)

**American Institute of Steel Construction**
- Specification for Structural Steel Buildings (AISC 360, 2010)
- Code of Standard Practice (AISC 303, 2010)
- Seismic Provisions for Structural Steel Buildings (AISC 341, 2010)

**Research Council on Structural Connections**

**American Welding Society**
- Structural Welding Code - Steel (D1.1:2010, also applicable to 2008)
- Structural Welding Code - Reinforcing Steel (D1.4:2011, also applicable to 2005)
- Structural Welding Code - Sheet Steel (D1.3:2008)
- Structural Welding Code – Seismic Supplement (D1.8:2009)
- Standard Symbols for Welding, Brazing and Nondestructive Examination (A2.4:2012, also applicable to 2007)

**Steel Deck Institute**
- Standard for Quality Control and Quality Assurance for Installation of Steel Deck (QA/QC-2011)
- Standard for Steel Roof Deck (RD-2010)
- Standard for Composite Steel Floor Deck – Slabs (C-2011)
- Standard for Non-Composite Steel Floor Deck (NC-2010)

**Steel Joist Institute**

$44.00 per copy.
# Publications Order Form

**Structural Bolting Handbook 2016**  
**Structural Welding Quality Handbook 2016**  
**Structural Steel Inspector’s Workbook (2014)**  
**Shop Inspection Handbook for Structural Steel Buildings 2010**

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**Shipping and Handling (see next page)**

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Updated: February 22, 2020