

Special Inspector 2016 Technical Seminars

Seminars sponsored by the
Southwest WA Chapter of International Code Council



(M1) Soils*

Saturday, January 23rd 2016

2012 IBC, Geotechnical Testing, Observation and Documentation (Tim Davis), Soils Earthwork and Foundations: A practical Approach Base on the 2012 IRC and IBC, with applicable ASTM Standards. This one day seminar will focus on soil verification and inspection duties of the special inspector outlined in the IBC combined with review of ASTM test standards. You will participate in practice exams as well as enhancing site grading plan reading skills

(M2) Proprietary Anchors**

Saturday, February 6th, 2016

Topic includes the duties and responsibilities of the OBOA, WABO and Model Programs. With a brief review of the technical requirements of the adhesive (chemical) and expansion (mechanical). Included in this course will be a review of alternate anchor types with installation procedures, Inspections for cracked & un-cracked concrete applications. Hands-on product review, plus handouts & review questions. 2012 IBC & ACI Standard, 318-11 Appendix D

(M3) Structural Plan reading

Saturday, February 20th, 2016

Start with simple plans and concepts moving slowly into complex structural plans building confidence and comprehension while completing quiz's as a class. Jay will continue with detailed comprehension of complex high-rise structures; Practice exam questions completed as a class. Pre-stress will be addressed as time allows.

(M4) One Day Special Inspector Renewal

Saturday, March 5th, 2016

Will emphasis on the duties and responsibilities of Special Inspections, scope of work, report writing and documentations. A review of the Special Inspection category, code changes, and the class will end with code questions and plan reading quizzes.

(M5) Reinforced Concrete*
Saturday, March 26th, 2016

This course will focus on Structural Plan reading skills for complex high rise concrete buildings. Provisions of Chapter 17 of the 2012 IBC, ASTM, and ACI Standards will be discussed as time allows.

(M6) Structural Steel (S1) Prerequisite for (S2)*
Saturday, April 16th, 2016

2012 IBC, AISC 14th Edition Manual of Steel Construction, Special Inspection Manual, Specifications for Structural Joints, using ASTM A325 (F1852) or A490 (F2280) bolts. Code of Standard Practice for Steel Building and Bridges. Detailed (structural) Plan reading skills.

(M7) Structural Masonry
Saturday, May 7th, 2016

2012 IBC, TMS 602/ACI 530.1/ASCE 6 Code Requirements for Masonry Structures, Ref to as the ACI 530 Code. Reinforced Grout Brick Masonry, Reinforced Concrete Masonry Construction Inspectors Handbook, IBC 2012 / 2012 ASTM Referenced Standards, Special Inspection Manual.

(M8) Wood Construction**
Saturday, May 28th, 2016

2012 IBC Chapters 17, 18 and 23 ~ Applicable texts of National Design Specifications for Wood Construction (NDS), including the SPDWS standard. APA ~ Introduction to Lateral Wood & Engineered Wood Construction Guide. EERi's Research Paper on Construction Quality Education and Seismic Safety. ASTM F1667 (Fasteners), Self-Tightening Tie-down Systems, Load Path theory and practical inspect practices. Comprehensive Structural Plan reading skills.

(M9) Structural Steel (S2)*
Saturday, June 4th, 2016

2012 IBC, Special Inspection Manual, AWS ~ D1.1, 02, 04, 06, 08. 10. D1.3 Sheet Steel 1998/02 D1.4 reinforcing Steel 98/02, Text on Nondestructive Examination. Detailed (Structural) plan reading skills.

(M10) Shotcrete**

Saturday, June 25th, 2016

We will review the history, development & usage of shotcrete as well as the different process between dry & wet mix, materials and equipment. You will learn the crew duties & qualifications. Core samples & examination will be given. 2012 IBC & ACI Standards: 506R & 506.2 Up dated provision of ACI 506.13 will be review in detail.

(M11) Prestressed Concrete*

Saturday, July 9th, 2016

This course will focus on Structural Plan Reading skills for complex Post tension projects. Provision of the 2012 IBC, ACI 318-02/05 ~ Structural Concrete, Manual for quality control for plans and production of Precast (MNL116) Field procedures Manual for Unbonded Single Strand Tendons, Specification for Unbonded Single Tendons, Recommendations for Prestressed Rock and Soils Anchors will be covering as time allows.

(M17) Firestopping

Saturday, August 6th, 2016

This seminar has been developed to provide special inspectors with a detailed review of inspection provisions for both - On-Site Inspection of Installed Fire Stops in accordance with ASTM E2174, and On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers in accordance ASTM E2393. Appropriate code provisions outlined in Chapter 17 of the 2012 IBC will also be discussed. Quiz's, technical report writing and plan review will be included as time allows.

(M12) Proprietary Anchors **

Saturday, September 10th, 2016

Topic includes the duties and responsibilities of the OBOA, WABO. With a brief review of the technical requirements of the adhesive (chemical) and expansion (mechanical). Included in this course will be a review of alternate anchor types with installation procedures, Inspections for cracked & un-cracked concrete applications. Hands-on product review, plus handouts & review questions. 2012 IBC & ACI Standard, 318-11 Appendix D

(M13) Cold Form Steel Framing
Saturday, September 24th, 2016

Review of IBC, ASTM & AISA Standard of Cold formed Steel General Provision. Appropriate ASTM Standards, including SSMA Product Technical Information from the Steel Stud Manufacturers. There will be an introduction to metal framing techniques with hands-on framing examples. Structural Plan reading skills, with light gage welding practices and product review.

(M14) One Day Special Inspector Renewal
Saturday, October 8th, 2016

Will emphasis on the duties and responsibilities of Special Inspections, scope of work, report writing and documentations. A review of the Special Inspection category, code changes, and the class will end with code questions and plan reading quizzes.

(M15) Suspended Ceilings
Saturday, November 19th, 2016

This seminar will be a review of Chapter 17 requirements for Special Inspectors and suspended ceiling. Referenced text's will include; Seismic Technical Guide (USG), Guidelines for Seismic Restraint for Direct Hung Suspended Ceiling Assemblies (CISCA), and appropriate ICC-ES Evaluation Reports.

(M16) December 2016

Open for rescheduling or adding by industry request.

*** Note: Unless Noted otherwise, ICC specialty exams cover provisions found only in the Special Inspection Manual. All Classes are approved ICC Preferred Provider**

**** Note: These Courses will conclude with a final exam.**

~ PAYMENTS MUST BE RECEIVED PRIOR TO ATTENANCE OF THE SEMINARS IN ORDER TO RECEIVE CEU'S~

i Prior Class student
Retake exam = \$150.00

i Exam only with NO Class =\$225.00
(Price includes exam & proctor time.)

Students who complete seminar will receive .8 CEU's from ICC & SW Washington Chapter of ICC

Seminar instructors reserve the right to change/reschedule class dates based on unforeseen circumstances. A minimum of students may be required per seminar

Personalized training arrangements can be offered at your location upon request A Minimum of 5 Pre-registered students is required

Saturday \$285.00 OCEL / ICC members \$325.00 for non-members

Location: Pacific NW Carpenters Inst.
4222 NE 158th Ave Portland OR

*** Please notice new time change***

Class Time: 8am – 5:00 pm

To register, complete the information and mail to address below

➡ **Please make checks to SWWICC**

Please indicate what seminar(s) you will be attending

- M1 Soils* January 23 Saturday
- M2 Proprietary Anchors** February 6th Saturday
- M3 Structural Plan Reading February 20th Saturday
- M4 1 Day Special Insp. Renewal March 5th Saturday
- M5 Reinforced Concrete* March 26th Saturday
- M6 Structural Steel (S1)* April 16th Saturday
- M7 Structural Masonry May 7th Saturday
- M8 Wood Construction** May 28th Saturday
- M9 Structural Steel (S2)* June 4th Saturday
- M10 Shotcrete** June 25th Saturday
- M11 Prestressed Concrete* July 9th Saturday
- M17 Firestopping August 6th Saturday
- M12 Proprietary Anchors** September 10th Saturday
- M13 Cold Form Steel Framing September 24th Saturday
- M14 1 Day Special Insp. Renewal October 8th Saturday
- M15 Suspended Ceiling November 19th Saturday
- M16 To be determined December 3rd Saturday

REFUND POLICY

ALL requests for refunds MUST be in writing and received 48 hours prior to seminar.

A \$50.00 administration fee will be deducted from the refund

For questions to register, contact Michelle Finley @ 360.397.2375 x 4088 or michelle.finley@clark.wa.gov

Registration may be emailed or mailed to Attn:
Michelle Finley, SWWICC
PO Box 821862
Vancouver WA 98682



Space below is for chapter use only
Please make checks to SWWICC

Please Print

Name: _____ Employer _____ Phone (____) _____

Address: _____ City _____ St _____ Zip _____

Contact: _____ Email: _____

Received By	
Late fee of \$25.00	
Class Amount	
Check #	
TOTAL AMOUNT PAID	