

# Special Inspector 2015 Technical Seminars

Seminars sponsored by the  
Southwest WA Chapter of International Code Council



## (M1) Soils\*

Saturday & Sunday, January 24-25, 2015

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 (2) two 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 7<sup>th</sup>, 2015

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-II Appendix D

## (M3) Structural Plan reading

Saturday, February 21<sup>st</sup>, 2015

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

**Students are responsible for all required texts**

#### (M4) One Day Special Inspector Renewal

Saturday, March 7<sup>th</sup>, 2015

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 28<sup>th</sup>, 2015

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 18<sup>th</sup>, 2015

2012 IBC, AISC 13<sup>th</sup> Edition Manual of Steel Construction, Model Program Special Inspection Specifications for Structural Joints, using ASTM A325 or A490 bolts. Code of Standard Practice for Steel Building and Bridges. Detailed (structural) Plan reading skills.

#### (M7) Structural Masonry

Saturday, May 9<sup>th</sup>, 2015

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.

#### (M8) Wood Construction\*\*

Saturday, May 30<sup>th</sup>, 2015

2012 IBC Chapters 17, 18 and 23 ~ National Design Specifications for Wood Construction. APA ~ Introduction to Lateral Wood & Engineered Wood Construction Guide. EERI's Research Paper on Construction Quality Education and Seismic Safety. Load Path theory and practical inspect practices. Detailed (Structural) Plan reading skills.

**Students are responsible for all required texts**

### (M9) Structural Steel (S2)\*

Saturday, June 13<sup>th</sup>, 2015

2012 IBC, Model Program for Special Inspection, AWS ~ D1.1, 02, 04, 06, 08. 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 27<sup>th</sup>, 2015

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

### (M11) Prestressed Concrete\*

Saturday, July 11<sup>th</sup>, 2015

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. ASTM Standards for Concrete A416, A-421, found in ASTM SP-71.

### (M12) Proprietary Anchors \*\*

Saturday, September 12<sup>st</sup>, 2015

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

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

Review of IBC, ASTM & AISA Standard of Cold formed Steel General Provision. 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 10<sup>th</sup>, 2015

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 21<sup>st</sup>, 2015

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 2015

Open for rescheduling or adding by industry request.

**\* Note: Unless Noted otherwise, ICC specialty exams cover provisions found only in the model program for special inspections.**

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

**i Provisions of 2012 IBC will be reviewed as time allows**

**i Prior Class student retake exam = \$150.00**

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

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

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 158<sup>th</sup> St Portland OR

**\*\*\* Please notice new time change\*\*\***

**Class Time:** 7am – 5:00 pm  
**9 hours of CEU Credits**

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 24 & 25      Saturday & Sunday
- M2 Proprietary Anchors\*\*      February 7<sup>th</sup>      Saturday
- M3 Structural Plan Reading      February 21<sup>st</sup>      Saturday
- M4 1 Day Special Insp. Renewal      March 7<sup>th</sup>      Saturday
- M5 Reinforced Concrete\*      March 28<sup>th</sup>      Saturday
- M6 Structural Steel (S1)\*      April 18<sup>th</sup>      Saturday
- M7 Structural Masonry      May 9<sup>th</sup>      Saturday
- M8 Wood Construction\*\*      May 30<sup>th</sup>      Saturday
- M9 Structural Steel (S2)\*      June 13<sup>th</sup>      Saturday
- M10 Shotcrete\*\*      June 27<sup>st</sup>      Saturday
- M11 Prestressed Concrete\*      July 11<sup>th</sup>      Saturday
- M12 Proprietary Anchors\*\*      September 12<sup>th</sup>      Saturday
- M13 Cold Form Steel Framing      September 26<sup>th</sup>      Saturday
- M14 1 Day Special Insp. Renewal      October 10<sup>th</sup>      Saturday
- M15 Suspended Ceiling      November 21<sup>st</sup>      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](mailto:michelle.finley@clark.wa.gov)

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

**Please make checks to SWWICC**

Space below is for chapter use only

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**Please Print**

Name: \_\_\_\_\_ Employer \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

Address: \_\_\_\_\_ City \_\_\_\_\_ St \_\_\_\_\_ Zip \_\_\_\_\_

Contact: \_\_\_\_\_ Email: \_\_\_\_\_

Received By	
Late fee of \$25.00	
Class Amount	
Check #	
<b>TOTAL AMOUNT PAID</b>	