CONCRETE PLACEMENT / BATCH PLANT TRAINING SYLLABUS

Class Date: Mondays and Wednesday's; 09/04/2024 – 09/25/2024 **
Class Time: 6:00 – 9:00 PM
Location & Address: Online through Teams

*** Note: there will be a field trip in addition to the course dates above. Field trip date is based on number of enrollments and thus will be determined after the initial class date. All attendees will be notified of this date(s) once available.*

COURSE DESCRIPTION

This course is designed to prepare structural concrete inspectors to perform concrete placement and batch plant inspections. This course is necessary to become certified by WABO in the inspection category of Placement Inspection.

Topics covered will include concrete materials, mix designs, batch plant procedures; introduction to plan reading, basics of reinforcing steel inspection. Emphasis will be on issues placing inspectors have to recheck such as clearances, review of standard tests for concrete, procedures for placing, consolidating and curing concrete, record keeping and duties, responsibilities and ethics of special inspectors.

The curriculum includes 4 hours of plan reading.

NOTE:

1. Each lab must submit the enrollee passing math test with their registration form. Students are not eligible to enroll in class without passing this test. Please work with your enrollees to ensure that they pass the test before sending them to the class.
2. In the event a student fails a final exam, they will be required to retake the course to receive class credit. There are no exceptions for retakes of the final exam.

ABOUT THE INSTRUCTOR

Jerry Abson is a Structural Building inspector with City of Seattle Department of Construction and Inspections. Mr. Abson began his career as a special inspector with Otto Rosenau in 1998, where he quickly became a senior special inspector with WABO certifications in reinforced concrete, PT concrete, shotcrete, structural masonry, structural steel and welding, spray applied fireproofing and lateral wood., He became a building inspector in 2005, and now monitors all concrete in Seattle as well as special inspection agencies and registered inspectors. Mr. Abson also is a voting member of WABO and is currently an instructor for Reinforced Concrete with ICC teaching in several states including New Jersey and California.

MATERIALS REQUIRED
1. Concrete Manual based on the 2012 or 2015 IBC/ACI 318-11:
2. Calculator

COST

Determined by enrollment. Invoice will be emailed no later than one week after course has ended.

REGISTRATION

Please fill out the attached registration application and email to Thanh Kieu at thanh@nwcel.org

CONCRETE PLACEMENT / BATCH PLANT TRAINING REGISTRATION APPLICATION

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CONTACT INFORMATION

Name: _____   Company: _____

Phone Number: _____   Email: _____

BILLING CONTACT INFORMATION

☐   CHECK IF SAME AS ABOVE

Name: _____   Phone: _____

Email: _____

STUDENT REGISTRATION

Name: _____   Email: _____

Name: _____   Email: _____

Name: _____   Email: _____

Name: _____   Email: _____

Name: _____   Email: _____

Name: _____   Email: _____

REGISTRATION

Please fill out this registration application and email to Thanh Kieu at thanh@nwcel.org

NWCEL CONCRETE PLACEMENT AND BATCH PLANT CLASS MATH QUIZ

Exam must be printed and handwritten by each student. No calculators, show your work.

Your Name:_____   **Date:** _____

ADDITION:	60 + 8	1850 + 18	57.5 + 18	60.8 + 20
SUBTRACTION:	250 - 75	275 - 50	300 - 80.3	175 - 57.6
MULTIPLICATION:	5 x 500	9 x 1100	4.5 x 100	3 x 1500
DIVISION:	64 ÷ 16	1800 ÷ 100	705 ÷ 100	502 ÷ 10

PUT THE FOLLOWING PERCENTAGES INTO DECIMALS:

1% =   5% =   4.5% =   0.5% =

ROUND THE FOLLOWING TO THE NEAREST TENTH:

1337.666 =   1250.325 =   705.67 =   152.359 =

CIRCLE THE NUMBERS THAT ARE WITHIN THE RANGE OF 5899 TO 6139 (REMEMBER TO ROUND):

6015   6138.5   5890   6139.2   6240   5898.7