



**Western States Air Resources Council
(WESTAR Council)**

Tuesday, January 22 – Friday, January 25, 2019

Training Location

Arizona Department of Environmental Quality
1110 W. Washington Street
Phoenix, Arizona 85007
602-771-2300

Cement Plants (NACT 245)

Tuesday, January 22, 2019
8:30 am – 5:00 pm
*w/site visit

Aggregates, Concrete, & Hot Mix Asphalt Facilities (NACT 246)

Wednesday, January 23 – Thursday, January 24, 2019
8:30 am – 5:00 pm
*w/site visit on Thursday

Compliance Assurance Monitoring (NACT 220)

Friday, January 25, 2019
8:30 am – 5:00 pm

Registration Deadline: Friday, January 4, 2019

***Field visits and an exam are required for completion of each course. All students must have proper safety equipment, including hard hat, safety shoes, earplugs, and eye protection.**

For more information, please contact: Jeff Gabler, Training Mgr - (503) 478-4955 or jgabler@westar.org

REGISTRATION INSTRUCTIONS:

First Time Users:

Please go to: www.apti-learn.net and follow the below steps:

1. Click on the “**First time user? Click here to register**” link in the upper right-hand corner of the webpage;
2. First screen requires: 1) work email address; 2) first and last names; 3) password; and 4) security question;
3. Second screen asks about affiliation/agency. There are two options for filling out this section:
 - o Agency Quick Search, or;
 - o Affiliation/Agency
4. Third screen includes a list of job functions and other profile information. You can click as many (or few) job functions as appropriate. Once you have completed this third screen, you are done setting up your profile.

After completing the profile:

5. Click the “Register” tab on the left side, or the “Register” bubble in the middle of the page;
6. Scroll down the Training Calendar until you see training course that you are interested in registering for;
7. On the right side of the table you will see a “register” link;
8. Click the “register” link (be patient it takes a few seconds for the confirmation note to pop-up);
9. You will receive an automatically generated email saying that you have been placed on a waiting list (this is so unapproved attendees can be weeded out).
10. Once approved, you will receive a second email saying you are enrolled.

Previously Registered Users (www.APTI-Learn.net):

1. Enter email address and password in appropriate spaces;
2. Go to step 5 (above) and follow directions.

IF YOU NEED ASSISTANCE REGISTERING FOR THE COURSE PLEASE CONTACT:

JEFF GABLER
(503) 478-4955
JGABLER@WESTAR.ORG



Cement Plants (NACT 245) Tuesday, January 22, 2019

Tentative Agenda

- 8:30 Introduction, Course Overview, & Pre-Test
- 9:00 Types of Equipment
- 9:30 Chemistry of Cement
- 9:45 Plant Process
- 10:00 Break
- 10:15 Plant Process (cont'd)
- 10:45 Rules & Regulations
- 11:00 Emission Control Methods
- 11:30 Inspection Methods
- 12:00 Lunch (on your own)
- 1:00 Inspector Safety
- 1:30 Site Visit
- 2:00 Mock Inspection
- 4:00 Questions, Review & Post-Examination
- 5:00 Adjourn



Aggregates, Concrete, & Hot Mix Asphalt Facilities (NACT 246)

Wednesday, January 23 – Thursday, January 24, 2019

Tentative Agenda

Wednesday, January 23, 2019

Aggregate Plants

- 8:30 Introduction and Pre-Test
- 8:45 History
- 9:00 Health Effects
- 9:30 Industry Overview
- 10:00 Break
- 10:15 Process Equipment
- 10:45 Emission Control Methods
- 11:30 Inspection Techniques
- 12:00 Lunch (on your own)

Concrete Batch Plants

- 1:00 History
- 1:15 Health Impacts
- 1:30 The Concrete Process
- 2:00 Industry Description
- 2:45 Inspection Procedures
- 3:00 Break
- 3:15 Inspection Procedures (cont'd)

4:300 Engineering Evaluation

5:00 Adjourn

Thursday, January 24, 2019

Hot Mix Asphalt Plants

8:30 Introduction

8:45 Emissions & Health Effects

9:00 The Process

10:00 Break

10:15 The Process (cont'd)

10:45 Emission Control Methods

12:00 Lunch (on your own)

1:00 Site Visit

4:30 Course Exam & Review

5:00 Adjourn



Compliance Assurance Monitoring (NACT 220) Friday, January 25, 2019

Tentative Agenda

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|-------|--|
| 8:30 | Introduction, Title V Permitting, and Pre-Test |
| 9:00 | CAM Background, Purpose, Rule History, Principles & Design Criteria |
| 9:45 | Emissions and Pre-Control PTE |
| 10:00 | Break |
| 10:15 | Affected Sources, New Concepts, Mass Balance Calculations, Control Devices |
| 10:45 | Monitoring – Design Criteria, Frequency & Indicator Levels of Confidence |
| 11:00 | Break |
| 11:15 | Role of the Source – Monitoring Approach & Design Criteria |
| 12:00 | Lunch (on your own) |
| 1:00 | Design Evaluation Factors, Recordkeeping & Reporting |
| 1:30 | QIPs, Status of Compliance, Compliance Certification |
| 2:00 | Break |
| 2:15 | Role of Permitting Authority – Agency & EPA Roles |
| 3:00 | Break |
| 3:15 | Monitoring Approaches & Limitations of Selected Control Devices |
| 4:15 | Enforcement & Enforcement Authority |
| 4:30 | Questions, Review & Course Examination |
| 5:00 | Adjourn |