



**Western States Air Resources Council  
(WESTAR Council)  
and  
National Council on Aging  
(NCOA)**

**March 18-21, 2019**

**Training Location**

**Nevada Division of Environmental Protection  
901 S. Stewart Street  
Carson City, NV 89701  
(775) 687-4670**

**Incinerators (NACT 270)**

Monday, March 18, 2019  
8:30 am – 5:00 pm

**Stationary Reciprocating Engines (NACT 271)**

Tuesday, March 19, 2019  
8:30 am – 5:00 pm  
\*w/site visit

**Landfill Gas Control Facilities (NACT 285)**

Wednesday, March 20, 2019  
8:30 am – 5:00 pm  
\*w/site visit

**Industrial Boilers (NACT 273)**

Thursday, March 21, 2019  
8:30 am – 5:00 pm  
\*w/site visit

**Registration Deadline: Friday, February 22, 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](mailto:jgabler@westar.org)**

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# REGISTRATION INSTRUCTIONS:

## **First Time Users:**

Please go to: [www.apti-learn.net](http://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](http://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**

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## Incinerators (NACT 270) Monday, March 18, 2019

### Tentative Agenda

8:30	Introduction/Background/Pre-Test
9:00	Incinerator Theory
9:30	Types of Incinerators
10:00	Break
10:15	Emissions from Incinerators
10:45	Emission Control Methods
11:30	Regulations <ul style="list-style-type: none"><li>○ Definitions</li><li>○ Exemptions</li><li>○ Emission Standards</li></ul>
12:00	Lunch (on your own)
1:00	Inspector Safety
1:30	Mock Inspection
4:00	Questions, Review & Course Examination
5:00	Adjourn



## Stationary Reciprocating Engines (NACT 271) Tuesday, March 19, 2019

### Tentative Agenda

- |       |   |
|-------|---|
| 8:30  | Introduction, Course Overview, Background, & Pre-Test <ul style="list-style-type: none"><li>• Applications</li><li>• History</li></ul>  |
| 9:00  | Reciprocating Engines Operating Theory <ul style="list-style-type: none"><li>• Spark-Ignition &amp; Compression Ignition</li><li>• 4-Stroke Cycle &amp; 2-Stroke Cycle</li><li>• Engine Power</li></ul> |
| 9:30  | Air/Fuel Delivery System <ul style="list-style-type: none"><li>• Carburetors</li><li>• Fuel Injectors</li></ul>   |
| 10:00 | Break   |
| 10:15 | Emissions from IC Engines   |
| 10:45 | Emission Control Methods  |
| 12:00 | Lunch (on your own)   |
| 1:00  | Emission Control Methods (cont'd)   |
| 1:30  | Regulations <ul style="list-style-type: none"><li>• Definitions</li><li>• Exemptions</li><li>• Emission Standards</li></ul>   |
| 2:00  | Inspecting Stationary Reciprocating Engines   |
| 2:15  | Site Visit  |
| 4:30  | Questions, Review & Post-Examination  |
| 5:00  | Adjourn   |



## Landfill Gas Control Facilities (NACT 285) Wednesday, March 20, 2019

### Tentative Agenda

8:30	Introduction, Course Overview, & Pre-Test
8:45	Landfill Facts and Figures
9:00	Primary Air Pollutants from Landfills
9:30	Collection and Monitoring of Landfill Gases
10:00	Break
10:15	Landfill Gas Control Devices
10:45	Secondary Air Pollutants
11:15	Monitoring Equipment
12:00	Lunch (on your own)
1:00	Rules, Regulations and Laws
1:30	Inspection of Landfill Gas Operations
2:00	Landfill Site Visit
4:30	Questions, Review & Post-Examination
5:00	Adjourn



## Industrial Boilers (NACT 273) Thursday, March 21, 2019

### Tentative Agenda

8:30	Introduction/Course Overview/Pre-Test
9:00	Terminology and Boiler Types
9:15	Theory and Operation of Boilers
10:00	Break
10:15	Boiler Components and Design
11:00	Emissions and Control Techniques
12:00	Lunch (on your own)
1:00	Boiler Regulations and Permits
1:30	Monitoring, Source Testing, Inspections, and Safety
2:00	Site Visit
4:30	Questions, Review & Course Examination
5:00	Adjourn