

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

**JULY 15-18, 2014**

**Training Location**

Idaho DEQ  
1410 N. Hilton Street  
Boise, Idaho 83706

**Metal Parts Production (NACT 231)**

Tuesday, July 15, 2014  
8:30 am – 5:00 pm  
\*w/site visit

**Stationary Reciprocating Engines (NACT 271)**

Wednesday, July 16, 2014  
8:30 am – 4:30 pm  
\*w/site visit

**Landfill Gas (NACT 285)**

Thursday, July 17, 2014  
8:30 am – 5:00 pm  
\*w/site visit

**Maximum Achievable Control Technology (NACT 290)**

Friday, July 18, 2014  
8:30 am – 4:00 pm

Registration Deadline: Friday, June 20, 2014

**\*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)

**This page intentionally left blank**

# REGISTRATION INSTRUCTIONS:

## First Time Users ([www.APTI-Learn.net](http://www.APTI-Learn.net)):

1. Click on the "First time user? Click here to register" link on the left side 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 – click \***WESTAR** (Western States Air Resources Council) **(PLEASE DO NOT ENTER OTHER)**;
4. At this point a drop-down menu will appear that lists 15 western states, click the state in which your agency resides **(PLEASE DO NOT ENTER OTHER)**;
5. Once you have selected the state another drop-down menu will appear which asks you to identify the **SPECIFIC AGENCY** that you work for **(PLEASE DO NOT ENTER OTHER)**;
6. 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 PROFILE:

7. Click the "Home" tab in the upper left hand corner;
8. The Home Page includes the 2013 Training Calendar below the "Welcome" and "APTI LMS Training Videos";
9. Scroll down the 2014 Training Calendar until you see training course that you are interested in registering for;
10. On the right side you will see a "register" link;
11. Click the "register" link, and you are registered (be patient it takes a few seconds for the confirmation note to pop-up);
12. 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).
13. Once I have approved you, 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 7 (above) and follow directions.

*IF YOU NEED ASSISTANCE REGISTERING FOR A COURSE PLEASE CONTACT*

*JEFF GABLER AT:*

*(503) 478-4955*

*JGABLER@WESTAR.ORG*



**Metal Parts Production – NACT #231**  
**Boise, Idaho**  
**Tuesday, July 15, 2014**

**Tentative Agenda**

- |       |   |
|-------|---|
| 8:30  | Introduction/Course Overview/Pre-Test                   |
| 9:00  | Ozone Formation, VOC Emissions, and Human Health        |
| 9:15  | Coatings, Coating Composition, and Chemistry            |
| 10:00 | Break   |
| 10:15 | Curing, VOC Control Strategies, and Application Methods |
| 11:30 | Lunch (on your own)                                     |
| 12:30 | HAPs, NESHAP Rules & Regulations                        |
| 1:00  | Spray Booths, and Pollution Control Devices             |
| 1:30  | VOC, HAP, and Emission Calculations                     |
| 2:00  | Process Emission Points, Inspection and Safety          |
| 2:30  | Site Visit  |
| 4:00  | Review & Course Examination                             |
| 5:00  | Adjourn   |



**Stationary Reciprocating Engines – #271**  
**Boise, Idaho**  
**Wednesday, July 16, 2014**

**Tentative Agenda**

- |       |  |
|-------|--|
| 8:30  | Introduction/Background<br>Application<br>History  |
| 9:00  | Reciprocating Engines Operating Theory<br>Spark-Ignition and Compression-Ignition<br>4-Stroke Cycle and 2-Stroke Cycle<br>Engine Power |
| 9:30  | Air/Fuel Delivery System<br>Carburetors<br>Fuel Injectors  |
| 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<br>Definitions<br>Exemptions<br>Emissions Standards  |
| 2:00  | Inspecting Stationary Reciprocating Engines  |
| 2:30  | Site Visit   |
| 4:00  | Review & Course Examination  |
| 4:30  | Adjourn  |



**Landfill Gas – NACT #285**  
**Boise, Idaho**  
**Thursday, July 17, 2014**

### **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	Site Visit
4:30	Review & Course Examination
5:00	Adjourn



**Max. Achievable Control Tech. – NACT #290**  
**Boise, Idaho**  
**Friday, July 18, 2014**

**Tentative Agenda**

8:30	Introductions, Course Overview, and Pre-Test
9:15	History of Toxic Air Pollutants
10:00	Break
10:15	CAA Amendments of 1990
11:00	CAA Title 1 §112
12:00	Lunch
1:00	Types of MACT Standards
1:30	Area Sources
2:30	Break
2:45	MACT Regulation Outline
3:15	Further Help
3:30	Review and Final Examination
4:00	Adjourn