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##### Western States Air Resources Council

**(WESTAR Council) &**

**New Solutions Training Program**

**August 6-9, 2024**

***Training Location***

**State of Washington Dept of Ecology**

300 Desmond Drive SE

Lacey, WA 98503

360-407-6000

**Aggregate, Hot Mix Asphalt, Concrete Batching Plants (TOXC219)**

Tuesday, August 6 and Wednesday, August 7, 2024

8:30 am – 5:00 pm

\*w/site visit

**Industrial Boilers (TOXC226)**

Thursday, August 8, 2024

8:30 am – 5:00 pm

\*w/site visit

**Poly Resin & Fiberglass Facilities (TOXC228)**

Friday, August 9, 2024

8:30 am – 5:00 pm

\*w/site visit

Registration Deadline: Friday, July 5, 2024

\*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) 744-0486 or** **jgabler@westar.org**

**AGGRAGATE, HOT MIX ASPHALT, AND CONCRETE BATCH FACILITIES (TOXC219)**

**COURSE DESCRIPTION**: Those completing this course will gain a basic understanding of the general information associated with aggregate, asphalt, & concrete batching operations plants. Attendees will be able to perform regulatory reviews involving the following elements of Aggregate, Asphalt, and Concrete Batching operations:

The following topics will be covered in this course:

• Emissions and Health Impacts

• Aggregate Industry

• Aggregate Process

• Engineering Evaluation

• Inspection Procedures for Aggregate, Asphalt and Concrete operation

• Concrete Emissions and Effects

• Hot Mix Process and Control

• Permit Requirements

• Health Impacts

**INDUSTRIAL BOILERS (TOXC226)**

**COURSE DESCRIPTION**: Those completing this course will gain a basic understanding of the general information associated with industrial boiler operations Attendees will be able to perform regulatory reviews involving the following elements of industrial boilers:

* Air Pollution – Why
* Boiler Uses
* Boiler Theory and Operation
* Air Pollution Formation
* Air Pollution Control Devices
* Boiler Regulations
* Typical Permit Conditions
* Inspection Procedures

**POLY RESIN & FIBERGLASS FACILITIES (TOXC 228)**

**COURSE DESCRIPTION**: Those completing this course will gain a basic understanding of the general information associated with polyester resin and fiberglass plants. Attendees will be able to perform regulatory reviews involving the following elements of Polyester Resin and Fiberglass plants: The following topics will be covered in this course:

* Plastics and Plastic Resin Uses
* Plastic Resin Theory/Operation
* Air Pollution Control Devices
* Implementing Regulations
* Typical Permit Conditions
* Inspection Procedures
* Federal Regulations

**REGISTRATION INSTRUCTIONS:**

1. Log onto EPA’s AirKnowledge and create a profile, or log onto your existing AirKnowledge account.

<https://epaapti.csod.com/client/epaapti/default.aspx>

1. When you complete your profile, you will receive a confirmation e-mail to activate your new account. It may take several minutes before receiving the email.
2. Once activated, log into your account.
3. Click the “Instructor Lead Training Calendar” link under the “My Training” tab.
4. Search the calendar for the training date(s). On the calendar you will see a course description. Hover over the text for additional information.
5. To register click the course title link.
6. In the lower righthand corner of the page you will see a “Request” button. Click it.
7. At this point you have requested a seat in the training. Because demand for WESTAR sponsored training frequently exceeds availability all registrants are placed on a waitlist.
8. You will receive an email from Jeff Gabler confirming your request.
9. WESTAR attempts to accommodate all requests but at times it may be necessary to prioritize attendees.

**ACCESSIBILITY:**

WESTAR strives to host inclusive, accessible training events that enable all individuals, including individuals with disabilities, to engage fully with the instructor and course content. To request an accommodation or for inquiries about accessibility, please contact Jeff Gabler at jgabler@westar.org or 503-744-0486 by Friday, July 5, 2024.

**Aggregate, Asphalt, & Concrete Batch Plants (TOXC219)**

**Tuesday, August 6 – Wednesday, August 7, 2024**

**Tentative Agenda**

**Tuesday**

**Aggregate Plants**

8:30 am Introductions & Pre-Test

 8:45 am History

9:00 am Health Effects

9:30 am Industry Overview

10:00 am Break

10:15 am Process Equipment

10:45 am Emission Control Methods

11:30 am Inspection Techniques

12:00 noon Lunch (on your own)

 **Concrete Batch Plants**

1:00 pm History

1:15 pm Health Impacts

1:30 pm The Concrete Process

2:00 pm Industry Description

2:45 pm Inspection Procedures

3:00 pm Break

3:15 pm Inspection Procedures (*cont’d*)

4:00 pm Engineering Evaluation

5:00 pm Adjourn

**Wednesday Hot Mix Asphalt Plants**

8:30 am Introduction

8:45 am Emissions & Health Effects

9:00 am The Process

10:00 am Break

10:15 am The Process (*cont’d*)

10:45 am Emission Control Methods

12:00 noon Lunch (on your own)

1:00 pm Plant Visit

4:30 pm Review & Post-Test

5:00 pm Adjourn

**Industrial Boilers (TOXC226)**

**Thursday, August 8, 2024**

**Tentative Agenda**

8:30 am Introduction/Course Overview/Pre-Test

9:00 am Boiler Uses, Terminology, and Boiler Types

9:30 am Theory & Operation of Boilers

10:00 am Break

10:15 am Boiler Components & Designs

11:00 am Emissions and Control Techniques

12:00 noon Lunch (on your own)

1:00 pm Boiler Regulations & Permits

1:30 pm Monitoring, Source Testing, Inspections, and Safety

2:00 pm Site Visit

4:30 pm Questions, Review & Course Examination

5:00 pm Adjourn

**Poly Resin & Fiberglass Facilities (TOXC228)**

**Friday, August 9, 2024**

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# Tentative Agenda

 8:30 am Introduction, Course Overview, & Pre-Test

 8:45 am Plastic Resin Uses

 9:15 am Plastic Resin and Composites Production Operations

 10:00 am Break

 10:15 am Emission Calculations, Control Techniques & HAPs

 11:00 am Break

 11:15 am Emissions & Control Devices

 12:00 noon Lunch (on your own)

 1:00 pm Regulatory Requirements

 1:30 pm Permits, Inspection Procedures & Safety

 2:00 pm Site Visit

 5:00 pm Adjourn