

# SEPA ENVIRONMENTAL CHECKLIST

## Adopting EPA rules and California motor vehicle rules

### ***Purpose of checklist:***

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

### ***Instructions for applicants:***

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

### ***Instructions for Lead Agencies:***

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

### ***Use of checklist for nonproject proposals:***

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

## **A. Background**

1. Name of proposed project, if applicable:

### **Adopting EPA rules and California motor vehicle rules**

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- Chapter 173-400 WAC, General Regulations for Air Pollution Sources (adopting EPA rules)
- Chapter 173-423 WAC, Low Emission Vehicles (adopting California motor vehicle rules)
- Chapter 173-476 WAC, Ambient Air Quality Standards (adopting new EPA ozone standard)

2. Name of applicant: Department of Ecology

3. Address and phone number of applicant and contact person:

Air Quality Program  
Department of Ecology  
P.O. Box 47600  
Olympia, WA 98504-7600  
Contact: Elena Guilfoil, Phone: (360) 407-6855

4. Date checklist prepared: February 12, 2015

5. Agency requesting checklist: Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable):

- Ecology will file the rule proposal notice (CR 102 form) with the Code Reviser on February 25, 2016 and hold a public hearing on April 5, 2016. The public comment period closes April 12, 2016. Ecology intends to file the rule adoption notice (CR 103 form) no earlier than April 20, 2016. These are the steps the Administrative Procedures Act, Chapter 34.05 RCW, requires to complete the rule adoption process.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

- Yes. Once the rule has been adopted, Ecology will submit a request to EPA for including parts of the final rule in the Washington State Implementation Plan, in compliance with the federal Clean Air Act. A State Implementation Plan is a comprehensive document that describes how Washington will meet federal air quality standards.

Immediately following the close of the hearing on the proposed rule amendments, Ecology will hold a hearing on including the sections noted below in the Washington State Implementation Plan. Refer to the rulemaking web page for more details on the SIP proposal.

Ecology is proposing to include parts of the following sections of the rule proposal into the SIP:

- WAC 173-400-025, 040, 050, 060, 070, 105, 111, 116, 171, 710, 720, 730, 740, 810, 830, 840, and 850
- WAC 173-476-020, 150 and 900

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8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- Ecology Source Test Manual – Procedures for Compliance Testing. September 20, 2004  
[http://www.ecy.wa.gov/programs/air/Source\\_Test/sourcetesthome.html](http://www.ecy.wa.gov/programs/air/Source_Test/sourcetesthome.html)
- Appendix A: Staff Report for a listing of the EPA rules that are new or amended and the Federal Register notice dates that contain EPA's analysis of the impacts from each rule.
- Appendix A: Staff Report for a listing of the California rules that are being adopted into Washington's rules.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

- This rule is not project specific, it is a regulation implemented by Ecology, Energy Facility Site Evaluation Council, and local air pollution control authorities. Any site specific application that is currently pending will be processed under the rules in effect at the time that the permit request was submitted.

10. List any government approvals or permits that will be needed for your proposal, if known.

- Ecology must adopt the rule as required under the Administrative Procedures Act, Chapter 34.05 RCW.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

- This rulemaking will update Chapter 173-400 WAC to incorporate new and changed EPA rules since the last time Ecology amended this chapter.
  - Updates cover 40 CFR Parts 50, 51, 52, 53, 60, 61, 62, 63, 65, 70, 75, 80, 82, 89, 124 and 1039. Refer to Appendix A: Staff Report for a listing of the changes to these rules.
  - The new source performance standards (40 CFR Part 60) and air toxic rules (40 CFR Part 63) contain, among other updates:
    - New requirements for:
      - boilers;
      - residential wood heaters;
      - solid waste incinerators;
      - hospital/medical/ infectious waste incinerators
      - sewage sludge incineration units; and
    - Changes to existing requirements for petroleum refineries and aluminum plants.
  - Other changes to Chapter 173-400 WAC include:
    - Consolidating the adoption date for federal rules scattered throughout the chapter into one location.
    - Correcting typographical errors.

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- **Chapter 173-423 WAC** to incorporate by reference recent changes to California clean car rules. Updates:
  - Provide one additional year for which the 4,000 mile Supplemental Federal Test Procedures (SFTP) may be used to certify LEV II vehicles.
  - Clarify that if a LEV II vehicle optionally certifies to the non-methane organic compound plus nitrogen oxides (NMOG+NO<sub>x</sub>) combined LEV III standards instead of separate NMOG and NO<sub>x</sub> LEV II standards, the NMOG+NO<sub>x</sub> combined LEV III standards must be met at 150,000 miles, even if the vehicle remains a LEV II vehicle.
  - Place limitations on when LEV II SULEVS can certify to the combined NMOG+NO<sub>x</sub> LEV III standards.
  - Establish an alternative NMOG+NO<sub>x</sub> fleet average that can be met as an alternative to the NMOG fleet average.
  - Incorporate elements of the federal Tier 3 regulation in those cases where the Tier 3 regulations were more stringent than LEV III.
  - Incorporate the current, applicable version of:
    - Test procedures to demonstrate compliance with the standards in Section 1961.
    - SAE J2727 test procedure.
    - Performance label specifications to demonstrate compliance with section 1965.
  - Specify that the AC17 Test Procedure in section 1961.3 means the AC17 Air Conditioning Efficiency Test Procedures in 40 CFS 86.167-17
  - Change the monitoring and OBD II requirements for diesel emission control technologies, the selection criteria for test sample groups and the mandatory recall provisions in sections 1971.1 and 1968.2.
  - Establish that the requirements of Section 2037 apply to medium-duty vehicles that certify to California's heavy-duty Phase 1 greenhouse gas emission standards.
  - Define "useful life" for the purposes of title 13, CCR, Article 2.1 "Procedures for In-Use Vehicle Voluntary and Influenced Recalls
  - Address other changes as needed to maintain consistency with the California motor vehicle emission standards.
    - Corrects the definition of heavy duty vehicles in section 1900
    - Corrects the definitions of light-duty truck and medium-duty passenger vehicle in section 1900 to say that they also apply to vehicles certified to the standards in Section 1961.2
    - Administrative change to 960.1 heading to add the missing word "trucks."
- **Chapter 173-476 WAC** to include the new lower EPA ozone standard and associated monitoring/measurement requirements.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the

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agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

- This proposal changes requirements that apply statewide so it is not site specific.

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_

- This environmental element is not applicable because this is a non-project action.

b. What is the steepest slope on the site (approximate percent slope)?

- This environmental element is not applicable because this is a non-project action.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

- This environmental element is not applicable because this is a non-project action.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

- This environmental element is not applicable because this is a non-project action.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

- This environmental element is not applicable because this is a non-project action.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

- This environmental element is not applicable because this is a non-project action.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

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- This environmental element is not applicable because this is a non-project action.

## 2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

- The proposed amendments to Chapters 173-400 and 173-476 WAC incorporate EPA rules for sources that emit criteria and toxic air pollutants as required by the federal Clean Air Act. See Appendix A: Staff Report for the reference to the location of EPA's analysis of the emissions from each change.
- The proposed amendments to the Low Vehicle Emission Standards limit emissions of greenhouse gases and common air pollutants, such as carbon monoxide and fine particles.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

- The proposed rules are intended to reduce or control emissions to the air. See the Staff report for a link to EPA's analysis of impacts from each action.

## 3. Water

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

- This environmental element is not applicable because this is a non-project action.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

- This environmental element is not applicable because this is a non-project action.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

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- This environmental element is not applicable because this is a non-project action.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

- This environmental element is not applicable because this is a non-project action.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

- This environmental element is not applicable because this is a non-project action.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

- This environmental element is not applicable because this is a non-project action.

## b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

- This environmental element is not applicable because this is a non-project action.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

- This environmental element is not applicable because this is a non-project action.

## c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

- This environmental element is not applicable because this is a non-project action.

2) Could waste materials enter ground or surface waters? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

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3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

- This environmental element is not applicable because this is a non-project action.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

- This environmental element is not applicable because this is a non-project action.

### 4. Plants

- Check the types of vegetation found on the site:

\_\_\_deciduous tree: alder, maple, aspen, other  
\_\_\_evergreen tree: fir, cedar, pine, other  
\_\_\_shrubs  
\_\_\_grass  
\_\_\_pasture  
\_\_\_crop or grain  
\_\_\_ Orchards, vineyards or other permanent crops.  
\_\_\_ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other  
\_\_\_water plants: water lily, eelgrass, milfoil, other  
\_\_\_other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

- This environmental element is not applicable because this is a non-project action.

c. List threatened and endangered species known to be on or near the site.

- This environmental element is not applicable because this is a non-project action.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

- This environmental element is not applicable because this is a non-project action.

e. List all noxious weeds and invasive species known to be on or near the site.

- This environmental element is not applicable because this is a non-project action.

### 5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

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Examples include:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

b. List any threatened and endangered species known to be on or near the site.

- This environmental element is not applicable because this is a non-project action.

c. Is the site part of a migration route? If so, explain.

- This environmental element is not applicable because this is a non-project action.

d. Proposed measures to preserve or enhance wildlife, if any:

- This environmental element is not applicable because this is a non-project action.

e. List any invasive animal species known to be on or near the site.

- This environmental element is not applicable because this is a non-project action.

## 6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

- This environmental element is not applicable because this is a non-project action.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

- This environmental element is not applicable because this is a non-project action.

## 7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

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- The proposed amendments to Chapter 173-400 WAC regulate emissions from existing, new or modified sources of air pollutants.
- The proposed amendments to Chapter 173-423 WAC regulate air pollutant emissions from specific types of new motor vehicles.

1) Describe any known or possible contamination at the site from present or past uses.

- This environmental element is not applicable because this is a non-project action.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

- This environmental element is not applicable because this is a non-project action.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

- This environmental element is not applicable because this is a non-project action.

4) Describe special emergency services that might be required.

- This environmental element is not applicable because this is a non-project action.

5) Proposed measures to reduce or control environmental health hazards, if any:

- This environmental element is not applicable because this is a non-project action.

### b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

- This environmental element is not applicable because this is a non-project action.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

- This environmental element is not applicable because this is a non-project action.

3) Proposed measures to reduce or control noise impacts, if any:

- This environmental element is not applicable because this is a non-project action.

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## 8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

- This environmental element is not applicable because this is a non-project action.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

- This environmental element is not applicable because this is a non-project action.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

- This environmental element is not applicable because this is a non-project action.

c. Describe any structures on the site.

- This environmental element is not applicable because this is a non-project action.

d. Will any structures be demolished? If so, what?

- This environmental element is not applicable because this is a non-project action.

e. What is the current zoning classification of the site?

- This environmental element is not applicable because this is a non-project action.

f. What is the current comprehensive plan designation of the site?

- This environmental element is not applicable because this is a non-project action.

g. If applicable, what is the current shoreline master program designation of the site?

- This environmental element is not applicable because this is a non-project action.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

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- This environmental element is not applicable because this is a non-project action.
- i. Approximately how many people would reside or work in the completed project?
- This environmental element is not applicable because this is a non-project action.
- j. Approximately how many people would the completed project displace?
- This environmental element is not applicable because this is a non-project action.
- k. Proposed measures to avoid or reduce displacement impacts, if any:
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
- This environmental element is not applicable because this is a non-project action.
- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

### 9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
- This environmental element is not applicable because this is a non-project action.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
- This environmental element is not applicable because this is a non-project action.
- c. Proposed measures to reduce or control housing impacts, if any:
- This environmental element is not applicable because this is a non-project action.

### 10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
- This environmental element is not applicable because this is a non-project action.
- b. What views in the immediate vicinity would be altered or obstructed?

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- This environmental element is not applicable because this is a non-project action.
- Proposed measures to reduce or control aesthetic impacts, if any:
  - This environmental element is not applicable because this is a non-project action.

## 11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
  - This environmental element is not applicable because this is a non-project action.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
  - This environmental element is not applicable because this is a non-project action.
- c. What existing off-site sources of light or glare may affect your proposal?
  - This environmental element is not applicable because this is a non-project action.
- d. Proposed measures to reduce or control light and glare impacts, if any:
  - This environmental element is not applicable because this is a non-project action.

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
  - This environmental element is not applicable because this is a non-project action.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
  - This environmental element is not applicable because this is a non-project action.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
  - This environmental element is not applicable because this is a non-project action.

## 13. Historic and cultural preservation

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.

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- This environmental element is not applicable because this is a non-project action.
- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.
- This environmental element is not applicable because this is a non-project action.
- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.
- This environmental element is not applicable because this is a non-project action.
- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.
- This environmental element is not applicable because this is a non-project action.

## 14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.
- This environmental element is not applicable because this is a non-project action.
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?
- This environmental element is not applicable because this is a non-project action.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
- This environmental element is not applicable because this is a non-project action.
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). \_\_\_\_\_
- This environmental element is not applicable because this is a non-project action.

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e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

- This environmental element is not applicable because this is a non-project action.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

h. Proposed measures to reduce or control transportation impacts, if any:

- This environmental element is not applicable because this is a non-project action.

## 15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

- This environmental element is not applicable because this is a non-project action.

b. Proposed measures to reduce or control direct impacts on public services, if any.

- This environmental element is not applicable because this is a non-project action.

## 16. Utilities

a. Circle utilities currently available at the site:  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,  
other \_\_\_\_\_

- This environmental element is not applicable because this is a non-project action.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

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## C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

A handwritten signature in cursive script that reads "Elena Guilfoil". The signature is written in black ink and is positioned above a horizontal line.

Name of signee

Elena Guilfoil

Environmental Planner, Department of Ecology

Date Submitted: February 19, 2016

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## D. supplemental sheet for nonproject actions

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

- The proposed rules in Chapters 173-400 and 173-476 WAC are unlikely to increase the discharge of air emissions. Rather it requires compliance with EPA emission standards that regulate facility operations and air pollutant emission rates.
- The proposed changes to Chapter 173-423 WAC will decrease the pollutants, such as carbon monoxide, particles and greenhouse gases, emitted from cars and light duty trucks.

Proposed measures to avoid or reduce such increases are:

- This rule requires the control of emissions to the air and will result in improved air quality and lower health risk.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

- Plants, animals, fish and marine life may benefit from better air quality.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

- Air pollution control measures are intended to protect human health and the environment.

3. How would the proposal be likely to deplete energy or natural resources?

- This proposal will not deplete energy or natural resources.

Proposed measures to protect or conserve energy and natural resources are:

- None.

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4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

- Chapter 173-400 WAC does not generally differentiate between environmentally sensitive areas except for in WAC 173-400-118, Designation of Class I, II, and III areas. This subsection was not amended as part of this rule making process. The protection of these state, tribal and federal lands has not changed as a result of this rule amendment.
- Reduced air pollution from vehicles (less deposition) might benefit these areas.

Proposed measures to protect such resources or to avoid or reduce impacts are:

- Ecology will continue to enforce the existing rules that protect Class I, national parks, Indian reservations and wilderness areas, and Class II areas, wildlife refuges, primitive areas and national monuments.
5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

- The proposal does not encourage incompatible land or shoreline uses.

Proposed measures to avoid or reduce shoreline and land use impacts are:

- None.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

- The proposal is not likely to increase demands on transportation or public services and utilities.

Proposed measures to reduce or respond to such demand(s) are:

- None.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

- The proposed rules implement federal rules and the California clean car rules. It does not conflict with local, state or federal laws.

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### Federal Rules

The following is a list of EPA rules that are new or amended since Chapters 173-400 or 173-476 WAC last adopted EPA rules. Updates cover 40 C.F.R. Parts 50, 51, 52, 53, 60, 61, 62, 63, 65, 70, 72, 75, 81, 82, 89, 124 and 1039.

EPA must conduct an environmental analysis for each rule. Refer to the date of a Federal Register notice to locate the final rule language. The preamble includes EPA's analysis and response to comments. The proposed EPA rule contains the complete environmental analysis. The Federal Register is found at <https://www.federalregister.gov/>.

<b>Changes to 40 CFR Part 50 since November 21, 2013</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 50 National primary and secondary ambient air quality standards			
50.19	National primary and secondary ambient air quality standards for ozone	80 FR 65462	10/26/2015
Appendix D	Appendix D to Part 50 – Reference measurement principle and calibration procedure for the measurement of ozone in the atmosphere (Chemiluminescence Method)	<u>80 FR 65453</u>	10/26/2015
Appendix U	Appendix U to Part 50 - Interpretation of the primary and secondary national ambient air quality standards for ozone	80 FR 65468	10/26/2015

<b>Changes to 40 CFR Part 51 since July 1, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 51– Requirements for preparation, adoption, and submittal of implementation plans			
Appendix M	Introduction added Methods 3A and 19 to list of methods not requiring use of audit samples.	79 FR 11235	2/27/2014
Appendix M	Method 201A test method revisions	79 FR 11235	2/27/2014
Appendix M	Method 202 test method revisions; technical correction	79 FR 11236 79 FR 18453	2/27/2014 4/2/2014

<b>Changes to 40 CFR Part 52 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>

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Changes to 40 CFR Part 52 since November 28, 2012			
Section	Heading	Federal Register	Date
52.21 – Prevention of significant deterioration of air quality			
(i)(5)(i)(c)	Removed PM2.5 significant impact levels vacated by court.	78 FR 73702	12/9/2013
(u)(1)	Revised delegation of authority provision.	79 FR 22032	4/21/2014
(u)(2)(i)	Revised delegation of authority provision.	79 FR 22032	4/21/2014
(u)(3)	Removed restriction on tribes' ability to take delegation.	79 FR 22032	4/21/2014
(u)(4)	Redesignated to (u)(3).	79 FR 22032	4/21/2014
(a)(1)	Added Commonwealth of the Northern Mariana Islands.	79 FR 22035	4/21/2014
(i)(2)	Revised applicability of nonattainment area designations and NAAQS.	80 FR 12318	3/6/2015
(w)(2) and (3)	Added provision to rescind PSD greenhouse gas permits that are no longer required by court decision.	80 FR 26189	5/7/2015
(aa)(10)(v)	Reinstated clause mistakenly left out.	80 FR 33413	6/12/2015
(b)(49)(v)	Removed greenhouse gas tailoring rule provisions vacated by court.	80 FR 50203	8/19/2015
(i)(12)	Added new ozone standard.	80 FR 65460	10/26/2015
Subpart WW – Washington			
52.2470	Identification of plan.	80 FR 77579	12/15/2015
52.2472	(removed and reserved)	81 FR 1131	1/11/2016
52.2472	Approval status.		
52.2474	(removed and reserved)		
52.2475	(removed and reserved)		
52.2477	Original identification of plan section.		
52.2495	Voluntary limits on potential to emit.		
52.2497	Significant deterioration of air quality.	80 FR 23729	4/29/2015
52.2498	Visibility protection. (last amended)	80 FR 23730	4/29/2015
52.2500	Best available retrofit technology requirements for the Intalco Aluminum Corporation (Intalco Works) primary aluminum plant—Better than BART Alternative.	79 FR 33453	6/11/2014
52.2501	Best available retrofit technology (BART) requirement for the Tesoro Refining and Marketing Company oil refinery—Better than BART Alternative.	79 FR 33453	6/11/2014
52.2502	Best available retrofit technology requirements for the Alcoa Inc.—Wenatchee Works primary aluminum smelter. (last amended)	79 FR 69768	11/24/2014
52.2470(d)	Revision to EPA-approved source-specific requirements, BP Cherry Point Refinery BART Order (last amended)	81 FR 7711	2/6/2016

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<b>Changes to 40 CFR Part 53 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 53 – Ambient air monitoring reference and equivalent methods			
53.9	Conditions of designation.	80 FR 65460	10/26/2015
53.14	Modification of a reference or equivalent method.	80 FR 65460	10/26/2015
53.23	Test procedures.	80 FR 65460	10/26/2015
	Table B-1 to Subpart B of Part 53—Performance Limit Specifications for Automated Methods	80 FR 65460	10/26/2015
53.32	Test procedures for methods for SO <sub>2</sub> , CO, O <sub>3</sub> , and NO <sub>2</sub> .	80 FR 65466	10/26/2015

<b>Changes to 40 CFR Part 60 since August 14, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Subpart A General provisions			
60.8	Performance tests	79 FR 11241	2/27/2014
60.17	Incorporations by reference.	79 FR 11242 79 FR 18965 80 FR 13701	2/27/2014 4/4/2014 3/16/2015
Subpart Da – Standards of performance for electric utility steam generating units			
60.41Da	Definitions.	78 FR 24082	4/24/2013
60.42Da	Standards for particulate matter(PM).	78 FR 24083 79 FR 68788	4/24/2013 11/19/2014
60.48Da	Compliance provisions.	78 FR 24083	4/24/2013
60.49Da	Emission monitoring.	78 FR 24083	4/24/2013
60.50Da	Compliance determination procedures and methods.	78 FR 24084	4/24/2013
Subpart Db – Standards of performance for industrial-commercial-institutional steam generating units			
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	79 FR 11249	2/27/2014
60.47b	Emission monitoring for sulfur dioxide.	79 FR 11249	2/27/2014
60.51c	Definitions.	79 FR 11249	2/27/2014
60.56c	Compliance and performance testing.	78 FR 28066	5/13/2013
Subpart F – Standards of performance for Portland cement plants			
60.61	Definitions.	78 FR 10032 80 FR 44776	2/12/2013 7/27/2015
60.63	Monitoring of operations.	78 FR 10032 80 FR 44777	2/12/2013 7/27/2015
60.64	Test methods and procedures	80 FR 44778	7/27/2015
Subpart H – Standards of performance for sulfuric acid plants			

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<b>Changes to 40 CFR Part 60 since August 14, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
60.84	Emission monitoring.	79 FR 11250	2/27/2014
Subpart J – Standards of performance for petroleum refineries			
60.105	Monitoring of emissions and operations.	80 FR 75229	12/1/2015
Subpart Ja – Standards of performance for petroleum refineries for which construction, reconstruction, or modification commenced after May 14, 2007			
60.100a	Applicability, designation of affected facility, and reconstruction.	77 FR 56464 80 FR 75230	9/12/2012 12/1/2015
60.101a	Definitions.	77 FR 56464 78 FR 76756 80 FR 75230	9/12/2012 12/19/2013 12/1/2015
60.102a	Emissions limitations.	77 FR 56466 80 FR 75230	9/12/2012 12/1/2015
60.104a	Performance tests.	77 FR 56470 80 FR 75231	9/12/2012 12/1/2015
60.105a	Monitoring of emissions and operations for fluid catalytic cracking units (FCCU) and fluid coking units (FCU).	77 FR 56470 80 FR 75232	9/12/2012 12/1/2015
60.106a	Monitoring of emissions and operations for sulfur recovery plants	80 FR 75232	12/1/2015
60.107a	Monitoring of emissions and operations for fuel gas combustion devices and flares.	77 FR 56473 80 FR 75235	9/12/2012 12/1/2015
60.108a	Recordkeeping and reporting requirements.	77 FR 56473	9/12/2012
60.109a	Delegation of authority.	77 FR 56473	9/12/2012
Subpart O – Standards of performance for sewage treatment plants			
60.154	Test methods and procedures.	79 FR 11250	2/27/2014
Subpart T – Standards of performance for the phosphate fertilizer industry: wet-process phosphoric acid plants			
60.200	Applicability and designation of affected facility.	80 FR 50432	8/19/2015
60.201	Definitions.	80 FR 50433	8/19/2015
60.203	Monitoring of operations	80 FR 50433	8/19/2015
60.205	Recordkeeping.	80 FR 50433	8/19/2015
Subpart U – Standards of performance for the phosphate fertilizer industry: superphosphoric acid plants			
60.210	Applicability and designation of affected facility.	80 FR 50433	8/19/2015
60.211	Definitions.	80 FR 50433	8/19/2015
60.213	Monitoring of operations.	80 FR 50433	8/19/2015
60.215	Recordkeeping.	80 FR 50433	8/19/2015
Subpart V – Standards of performance for the phosphate fertilizer industry: diammonium phosphate plants			
60.223	Monitoring of operations.	80 FR 50434	8/19/2015
60.224	Test methods and procedures.	80 FR 50434	8/19/2015

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<b>Changes to 40 CFR Part 60 since August 14, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Subpart W – Standards of performance for the phosphate fertilizer industry: triple superphosphate plants			
60.230	Applicability and designation of affected facility.	80 FR 50435	8/19/2015
Subpart X – Standards of performance for the phosphate fertilizer industry: granular triple superphosphate storage facilities			
60.243	Monitoring of operations.	80 FR 50435	8/19/2015
Subpart BB – Standards of Performance for Kraft pulp mills			
60.280	Applicability and designation of affected facility.	79 FR 18966	4/4/2014
60.284	Monitoring of emissions and operations.	79 FR 11250	2/27/2014
Subpart BBa – Standards of performance for kraft pulp mill affected sources for which construction, reconstruction, or modification commenced after May 23, 2013			
60.280a – 60.288a	Adopted	79 FR 18966	4/4/2014
Subpart GG – Standards of performance for stationary gas turbines			
60.335	Test methods and procedures.	79 FR 11250	2/27/2014
Subpart KK – Standards of performance for lead-acid battery manufacturing plants			
60.374	Test methods and procedures.	79 FR 11250	2/27/2014
Subpart LL – Standards of performance for metallic mineral processing plants			
60.382	Standard for particulate matter.	79 FR 11250	2/27/2014
60.386	Test methods and procedures.	79 FR 11250	2/27/2014
Subpart UU – Standards of performance for asphalt processing and asphalt roofing manufacture			
60.472	Standards for particulate matter.	79 FR 11250	2/27/2014
Subpart AAA – Standards of performance for new residential wood heaters			
60.530 – 60.539b	Adopted	80 FR 13702	3/16/2015
Subpart CCCC – Standards of performance for commercial and industrial solid waste incineration units			
60.2000 – 60.2265	Adopted Amended Amended	65 FR 75350 76 FR 15450 78 FR 9178	12/1/2000 3/21/2011 2/7/2013
Subpart KKK – Standards of performance for equipment leaks of VOC from onshore natural gas processing plants for which construction, reconstruction, or modification commenced after January 20, 1984, and on or before August 23, 2011			
60.630	Applicability and designation of affected facility.	77 FR 49542	8/16/2012
Subpart LLL – Standards of performance for so <sub>2</sub> emissions from onshore natural gas processing for which construction, reconstruction, or modification commenced after January 20, 1984, and on or before August 23, 2011			
60.640	Applicability and designation of affected facilities.	77 FR 49542	8/16/2012
Subpart NNN – Standards of Performance for Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations			
60.660	Applicability and designation of affected facility.	79 FR 11251	2/27/2014

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<b>Changes to 40 CFR Part 60 since August 14, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
60.665	Reporting and recordkeeping requirements.	79 FR 11251	2/27/2014
<b>Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines</b>			
60.4207	What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to this subpart?	78 FR 6695	1/30/2013
60.4211	What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?	78 FR 6695	1/30/2013
60.4214	What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?	78 FR 6696	1/30/2013
60.4219	What definitions apply to this subpart?	78 FR 6696	1/30/2013
<b>Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines</b>			
60.4231	What emission standards must I meet if I am a manufacturer of stationary SI internal combustion engines or equipment containing such engines?	78 FR 6697	1/30/2013
60.4243	What are my compliance requirements if I am an owner or operator of a stationary SI internal combustion engine?	78 FR 6697	1/30/2013
60.4245	What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary SI internal combustion engine?	78 FR 6697	1/30/2013
60.4248	What definitions apply to this subpart?	78 FR 6698	1/30/2013
<b>Subpart OOOO – Standards of performance for crude oil and natural gas production, transmission and distribution</b>			
60.5360 – 60.5430	Adopted Amended Amended	77 FR 49542 78 FR 58436 79 FR 79037	8/16/2012 9/23/2013 12/31/2014
<b>Subpart QQQQ – Standards of performance for new residential hydronic heaters and forced-air furnaces</b>			
60.5472 – 60.5483	Adopted	80 FR 13715	3/16/2015
<b>Appendix A-6 to Part 60 - Test Methods 16 through 18</b>			
	Method 16C - Determination of total reduced sulfur emissions from stationary sources	77 FR 44492	7/30/2012
<b>Appendix B to Part 60 - Performance Specifications</b>			
	Performance Specification 18 - Performance specifications and test procedures for hydrogen chloride continuous emission monitoring systems at stationary sources	80 FR 38633	7/7/2015

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<b>Changes to 40 CFR Part 61 since August 14, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Subpart A – General Provisions			
61.13	Emission tests and waiver of emission tests.	79 FR 11275	2/27/2014
61.18	Incorporations by reference.	78 FR 2338	1/11/2013
Subpart C – National emission standard for beryllium			
61.33	Stack sampling.	79 FR 11275	2/27/2014
Subpart D – National emission standard for beryllium rocket motor firing			
61.42	Emission standard.	79 FR 11275	2/27/2014
Subpart E – National emission standard for mercury			
61.53	Stack sampling.	79 FR 11275	2/27/2014
Subpart N – National emission standard for inorganic arsenic emissions from glass manufacturing plants			
61.164	Test methods and procedures.	79 FR 11275	2/27/2014

<b>New 40 CFR Part 62</b>			
<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>	
Subpart HHH – Federal plan requirements for hospital/medical/infectious waste incinerators constructed on or before December 1, 2008			
62.14400 –	Adopted	65 FR 49868	8/15/2000
62.14495	Amended	78 FR 28052	5/13/2013
Subpart LLL – Federal plan requirements for sewage sludge incineration units constructed on or before October 14, 2010			
62.15855 –	Proposed	80 FR 23415	04/27/2015
62.16050			

<b>Changes to 40 CFR Part 63 since July 1, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Subpart A – General Provisions			
63.8	Monitoring requirements.	79 FR 11277	2/27/2014
63.13	Addresses.	78 FR 37977	6/25/2013
63.14	Incorporations by reference.	77 FR 55710	9/11/2012
		79 FR 11277	2/27/2014
		79 FR 17363	3/27/2014
		80 FR 37389	6/30/2015
		80 FR 50436	8/19/2015
		80 FR 56738	9/18/2015
		80 FR 62414	10/15/2015

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<b>Changes to 40 CFR Part 63 since July 1, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
		80 FR 75236	12/1/2015
<b>Subpart N – National emission standards for chromium emissions from hard and decorative chromium electroplating and chromium anodizing tanks</b>			
63.641	Definitions and nomenclature	77 FR 58242	9/19/2012
63.642	Standards.	77 FR 58243	9/19/2012
63.643	Compliance provisions.	77 FR 58245	9/19/2012
63.644	Performance test requirements and test methods.	77 FR 58246	9/19/2012
63.646	Recordkeeping requirements.	77 FR 58248	9/19/2012
63.647	Reporting requirements.	77 FR 58248	9/19/2012
	Table 1 to Subpart N of Part 63 - General provisions applicability to Subpart N	77 FR 58249	9/19/2012
<b>Subpart S – NESHAP Pulp and paper industry</b>			
63.441	Definitions.	77 FR 55710	9/11/2012
63.446	Monitoring.	77 FR 55711	9/11/2012
63.453	Monitoring requirements.	77 FR 55711	9/11/2012
63.454	Recordkeeping requirements.	77 FR 55711	9/11/2012
63.455	Reporting requirements.	77 FR 55711	9/11/2012
63.457	Test methods and procedures.	77 FR 55712	9/11/2012
63.459	Alternative standards.	77 FR 55713	9/11/2012
	Table 1 to Subpart S of Part 63 - general provisions applicability to Subpart S	77 FR 55713	9/11/2012
<b>Subpart X – NESHAP Secondary lead smelting</b>			
63.542	Definitions.	79 FR 371	1/3/2014
63.543	What are my standards for process vents?	79 FR 371	1/3/2014
63.544	What are my total enclosure standards?	79 FR 371	1/3/2014
63.546	Compliance dates.	79 FR 371	1/3/2014
63.548	Monitoring requirements.	79 FR 371	1/3/2014
63.550	Recordkeeping and reporting requirements.	79 FR 371	1/3/2014
	Table 3 to Subpart X of Part 63 - toxic equivalency factors	79 FR 372	1/3/2014
<b>Subpart Y – NESHAP Marine tank vessel loading operations</b>			
63.56	Applicability and designation of affected source.	80 FR 75237	12/1/2015
<b>Subpart AA – NESHAP Phosphoric acid manufacturing plants</b>			
63.600	Applicability.	80 FR 50437	8/19/2015
63.601	Definitions.	80 FR 50437	8/19/2015
63.602	Standards and compliance dates.	80 FR 50438	8/19/2015
63.605	Operating and monitoring requirements.	80 FR 50439	8/19/2015
63.606	Performance tests and compliance provisions.	80 FR 50441	8/19/2015
63.607	Notification, recordkeeping, and reporting requirements.	80 FR 50443	8/19/2015
63.608	General requirements and applicability of general	80 FR 50444	8/19/2015

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<b>Changes to 40 CFR Part 63 since July 1, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
	provisions of this part.		
63.610	Exemption from new source performance standards.	80 FR 50445	8/19/2015
63.611	Implementation and enforcement.	80 FR 50445	8/19/2015
	Table 1 to Subpart AA of Part 63 - existing source emission limits.	80 FR 50445	8/19/2015
	Table 2 to Subpart AA of Part 63 - new source emission limits.	80 FR 50446	8/19/2015
	Table 3 to Subpart AA of Part 63 - monitoring equipment operating parameters.	80 FR 50446	8/19/2015
	Table 4 to Subpart AA of Part 63 - operating parameters, operating limits and data monitoring, recordkeeping and compliance frequencies.	80 FR 50446	8/19/2015
	Table 5 to Subpart AA of Part 63 - calibration and quality control requirements for continuous parameter monitoring system (CPMS).	80 FR 50447	8/19/2015
	Appendix A to Subpart AA of Part 63 - applicability of general provisions (40 CFR Part 63, Subpart A) to Subpart Aa.	80 FR 50448	8/19/2015
<b>Subpart BB – NESHAP Phosphate fertilizers production plants</b>			
63.620	Applicability.	80 FR 50450	8/19/2015
63.621	Definitions.	80 FR 50450	8/19/2015
63.622	Standards and compliance dates.	80 FR 50451	8/19/2015
63.625	Operating and monitoring requirements.	80 FR 50451	8/19/2015
63.626	Performance tests and compliance provisions.	80 FR 50452	8/19/2015
63.627	Notification, recordkeeping, and reporting requirements.	80 FR 50454	8/19/2015
63.628	General requirements and applicability of general provisions of this part.	80 FR 50455	8/19/2015
63.629	Miscellaneous requirements.	80 FR 50456	8/19/2015
63.631	Exemption from new source performance standards.	80 FR 50456	8/19/2015
63.632	Implementation and enforcement.	80 FR 50456	8/19/2015
	Table 1 to Subpart BB of Part 63 – existing source emission limits	80 FR 50456	8/19/2015
	Table 2 to Subpart BB of part 63 – new source emission limits	80 FR 50457	8/19/2015
	Table 3 to Subpart BB of Part 63 – monitoring equipment operating parameters	80 FR 50457	8/19/2015
	Table 4 to Subpart BB of Part 63 – operating parameters, operating limits and data monitoring, recordkeeping and compliance frequencies	80 FR 50457	8/19/2015
	Table 5 to Subpart BB of Part 63 – calibration and	80 FR 50458	8/19/2015

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Changes to 40 CFR Part 63 since July 1, 2012			
Section	Heading	Federal Register	Date
	quality control requirements for continuous parameter monitoring systems (CPMS)		
	Appendix A to Subpart BB of Part 63 – applicability of general provisions (40 CFR Part 63, Subpart A) to Subpart BB	80 FR 50458	8/19/2015
Subpart CC – NESHAP Petroleum refineries			
63.640	Applicability and designation of affected source.	80 FR 75237	12/1/2015
63.641	Definitions.	80 FR 75239	12/1/2015
63.642	General standards.	80 FR 75242	12/1/2015
63.643	Miscellaneous process	80 FR 75242	12/1/2015
63.644	Monitoring provisions for miscellaneous process vents.	80 FR 75243	12/1/2015
63.645	Test methods and procedures for miscellaneous process vents.	80 FR 75243	12/1/2015
63.646	Storage vessel provisions.	80 FR 75243	12/1/2015
63.647	Wastewater provisions.	80 FR 75244	12/1/2015
63.648	Equipment leak standards.	80 FR 75244	12/1/2015
63.649	Alternative means of emission limitation: Connectors in gas/vapor service and light liquid service.	80 FR 75245	12/1/2015
63.650	Gasoline loading rack provisions.	80 FR 75245	12/1/2015
63.651	Marine tank vessel loading operation provisions.	80 FR 75246	12/1/2015
63.652	Emissions averaging provisions.	80 FR 75246	12/1/2015
63.653	Monitoring, recordkeeping, and implementation plan for emissions averaging.	80 FR 75246	12/1/2015
63.655	Reporting and recordkeeping requirements.	80 FR 75247	12/1/2015
63.656	Implementation and enforcement.	80 FR 75253	12/1/2015
63.657	Delayed coking unit decoking operation standards.	80 FR 75253	12/1/2015
63.658	Fenceline monitoring provisions.	80 FR 75254	12/1/2015
63.660	Storage vessel provisions.	80 FR 75257	12/1/2015
63.670	Requirements for flare control devices.	80 FR 75258	12/1/2015
63.671	Requirements for flare monitoring systems.	80 FR 75266	12/1/2015
	Table 6 - General provisions applicability to Subpart CC	80 FR 75268	12/1/2015
	Table 10 - Miscellaneous process vents—monitoring, recordkeeping and reporting requirements for complying with 98 weight-percent reduction of total organic HAP emissions or a limit of 20 parts per million by volume	80 FR 75269	12/1/2015
	Table 11 - Compliance dates and requirements	80 FR 75270	12/1/2015
	Table 12 - Individual component properties	80 FR 75271	12/1/2015
	Table 13 - Calibration and quality control	80 FR 75272	12/1/2015

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Changes to 40 CFR Part 63 since July 1, 2012			
Section	Heading	Federal Register	Date
	requirements for CPMS		
Subpart DD – NESHAP Off-site waste and recovery operations			
63.680	Applicability and designation of affected sources.	80 FR 14271	3/18/2015
63.681	Definitions.	80 FR 14272	3/18/2015
63.683	Standards: General.	80 FR 14272	3/18/2015
63.684	Standards: Off-site material treatment.	80 FR 14273	3/18/2015
63.685	Standards: Tanks.	80 FR 14273	3/18/2015
63.686	Standards: Oil-water and organic-water separators.	80 FR 14274	3/18/2015
63.687	Standards: Surface impoundments.	80 FR 14274	3/18/2015
63.688	Standards: Containers.	80 FR 14274	3/18/2015
63.689	Standards: Transfer systems.	80 FR 14275	3/18/2015
63.691	Standards: Equipment leaks.	80 FR 14275	3/18/2015
63.693	Standards: Closed-vent systems and control devices.	80 FR 14276	3/18/2015
63.694	Testing methods and procedures.	80 FR 14277	3/18/2015
63.695	Inspection and monitoring requirements.	81 FR 14278	3/18/2015
63.696	Recordkeeping requirements.	81 FR 14279	3/18/2015
63.697	Reporting requirements.	81 FR 14279	3/18/2015
63.698	Implementation and enforcement.	81 FR 14280	3/18/2015
	Table 2 to Subpart DD of Part 63 - applicability of paragraphs in Subpart A of this part 63 - general provisions to Subpart DD	81 FR 14280	3/18/2015
	Table 3 to Subpart DD of Part 63 - tank control levels for tanks at existing affected sources as required by 40 CFR 63.685(b)(1)	81 FR 14282	3/18/2015
	Table 4 to Subpart DD of Part 63 - tank control levels for tanks at existing affected sources as required by 40 CFR 63.685(b)(1)(ii)	81 FR 14283	3/18/2015
	Table 5 to Subpart DD of Part 63 - tank control levels for tanks at new affected sources as required by 40 CFR 63.685(b)(2)	81 FR 14283	3/18/2015
Subpart LL – NESHAP Primary aluminum reduction plants			
63.840	Applicability.	80 FR 62414	10/15/2015
63.841	[Removed and reserved]	80 FR 62414	10/15/2015
63.842	Definitions.	80 FR 62414	10/15/2015
63.843	Emission limits for existing sources.	80 FR 62415	10/15/2015
63.844	Emission limits for new or reconstructed sources	80 FR 62416	10/15/2015
63.846	Emission averaging.	80 FR 62416	10/15/2015
63.847	Compliance provisions.	80 FR 62417	10/15/2015
63.848	Emission monitoring requirements.	80 FR 62420	10/15/2015
63.849	Test methods and procedures.	80 FR 62422	10/15/2015
63.850	Notification, reporting and recordkeeping	80 FR 62422	10/15/2015

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	requirements		
63.854	Work practice standards for potlines.	80 FR 62423	10/15/2015
63.855	Alternative emissions limits for co-controlled new and existing anode bake furnaces.	80 FR 62423	10/15/2015
	Table 1 To Subpart LL of Part 63 - potline TF limits for emission averaging	80 FR 62424	10/15/2015
	Table 2 To Subpart LL of Part 63 - potline POM limits for emission averaging	80 FR 62424	10/15/2015
	Table 3 To Subpart LL of Part 63 - potline PM limits for emission averaging	80 FR 62425	10/15/2015
	Table 4 To Subpart LL of Part 63 - anode bake furnace limits for emission averaging	80 FR 62424	10/15/2015
	Appendix A To Subpart LL of Part 63 - applicability of general provisions (40 CFR Part 63, Subpart A)	80 FR 62425	10/15/2015
<b>Subpart CCC – NESHAP Steel pickling - HCL process</b>			
63.1155	Applicability.	77 FR 58250	9/19/2012
63.1156	Definitions.	77 FR 58250	9/19/2012
63.1157	Emission standards for existing sources.	77 FR 58250	9/19/2012
63.1159	Operational and equipment standards for existing, new, or reconstructed sources.	77 FR 58250	9/19/2012
63.1160	Compliance dates and maintenance requirements.	77 FR 58250	9/19/2012
63.1161	Performance testing and test methods.	77 FR 58251	9/19/2012
63.1164	Reporting requirements.	77 FR 58251	9/19/2012
63.1165	Recordkeeping requirements.	77 FR 58251	9/19/2012
	Table 1 to Subpart CCC of Part 63—Applicability of General Provisions (40 CFR Part 63, Subpart A) to Subpart CCC	77 FR 58251	9/19/2012
<b>Subpart DDD – NESHAP Mineral Wool Production and Wool Fiberglass Manufacturing</b>			
63.1178	For cupolas, what standards must I meet?	80 FR 45329	7/29/2015
63.1179	For curing ovens or combined collection/curing operations, what standards must I meet?	80 FR 45329	7/29/2015
63.1179	For curing ovens or combined collection/curing operations, what standards must I meet?	80 FR 45329	7/29/2015
63.118	When must I meet these standards?	80 FR 45329	7/29/2015
63.1182	How do I comply with the carbon monoxide, carbonyl sulfide, hydrogen fluoride, and hydrogen chloride standards for existing, new, and reconstructed cupolas?	80 FR 45329	7/29/2015
63.1183	How do I comply with the formaldehyde, phenol, and methanol standards for existing, new, and reconstructed combined collection/curing operations?	80 FR 45330	7/29/2015

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63.1188	What performance test requirements must I meet?	80 FR 45330	7/29/2015
63.1189	What test methods do I use?	80 FR 45330	7/29/2015
63.119	How do I determine compliance?	80 FR 45330	7/29/2015
63.1191	What notifications must I submit?	80 FR 45330	7/29/2015
63.1192	What recordkeeping requirements must I meet?	80 FR 45330	7/29/2015
63.1193	What reports must I submit?	80 FR 45330	7/29/2015
63.1196	What definitions should I be aware of?	80 FR 45331	7/29/2015
63.1197	Startups and shutdowns.	80 FR 45331	7/29/2015
	Table 1 to DDD of Part 63 - applicability of general provisions (40 CFR Part 63, A) to DDD of Part 64	80 FR 45331	7/29/2015
	Table 2 to Subpart DDD of Part 63 - emissions limits and compliance dates	80 FR 45333	7/29/2015
<b>Subpart HHH - NESHAP Natural gas transmission &amp; storage</b>			
63.1270	Applicability and designation of affected source.	77 FR 49584	8/16/2012
63.1271	Definitions.	77 FR 49585	8/16/2012
63.1272	Affirmative defense for violations of emission standards during malfunction.	77 FR 49585	8/16/2012
63.1274	General standards.	77 FR 49586	8/16/2012
63.1275	Glycol dehydration unit process vent standards.	77 FR 49586	8/16/2012
63.1281	Control equipment requirements.	77 FR 49587	8/16/2012
63.1282	Test methods, compliance procedures, and compliance demonstrations.	77 FR 49588	8/16/2012
63.1283	Inspection and monitoring requirements.	77 FR 49594	8/16/2012
63.1284	Recordkeeping requirements.	77 FR 49595	8/16/2012
63.1285	Reporting requirements.	77 FR 49596	8/16/2012
63.1287	Alternative means of emission limitation.	77 FR 49597	8/16/2012
	Appendix: Table 2 to Subpart HHH of Part 63 - applicability of 40 CFR Part 63 general provisions to Subpart HHH	77 FR 49597	8/16/2012
<b>Subpart III - NESHAP Flexible polyurethane foam production</b>			
63.1290	Applicability.	79 FR 48087	8/15/2014
63.1291	Compliance schedule.	79 FR 48087	8/15/2014
63.1292	Definitions.	79 FR 48087	8/15/2014
63.1293	Standards for slabstock flexible polyurethane foam production.	79 FR 48087	8/15/2014
63.1294	Standards for slabstock flexible polyurethane foam production - diisocyanate emissions.	79 FR 48087	8/15/2014
63.1297	Standards for slabstock flexible polyurethane foam production - HAP ABA.	79 FR 48087	8/15/2014
63.1298	Standards for slabstock flexible polyurethane foam production - HAP emissions from equipment cleaning.	79 FR 48087	8/15/2014

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63.1302	Applicability of subpart A requirements.	79 FR 48087	8/15/2014
63.1303	Monitoring requirements.	79 FR 48087	8/15/2014
63.1306	Reporting requirements.	79 FR 48088	8/15/2014
63.1307	Recordkeeping requirements.	79 FR 48088	8/15/2014
63.1308	Compliance demonstrations.	79 FR 48089	8/15/2014
63.1309	Implementation and enforcement.	79 FR 48089	8/15/2014
	Table 1 to Subpart III of Part 63 - applicability of general provisions (40 CFR Part 63, Subpart A) to Subpart III	79 FR 48088	8/15/2014
	Table 3 to Subpart III of Part 63 - compliance requirements for slabstock foam production affected sources	79 FR 48090	8/15/2014
	Table 3 to Subpart III of Part 63 - compliance requirements for molded and rebond foam production affected sources	79 FR 48090	8/15/2014
<b>Subpart JJJ - NESHAP Group IV polymers and resins</b>			
63.1310	Applicability and designation of affected sources.	79 FR 17363	3/27/2014
63.1311	Compliance dates and relationship of this subpart to existing applicable rules.	79 FR 17364	3/27/2014
63.1312	Definitions	79 FR 17364	3/27/2014
63.1315	Continuous process vents provisions.	79 FR 17364	3/27/2014
63.1316	PET and polystyrene affected sources—emissions control provisions.	79 FR 17365	3/27/2014
63.1318	PET and polystyrene affected sources—testing and compliance demonstration provisions.	79 FR 17366	3/27/2014
63.1319	PET and polystyrene affected sources—recordkeeping provisions.	79 FR 17366	3/27/2014
63.1324	Batch process vents—monitoring equipment.	79 FR 17366	3/27/2014
63.1329	Process contact cooling towers provisions	79 FR 17366	3/27/2014
63.1331	Equipment leak provisions.	79 FR 17367	3/27/2014
63.1332	Emissions averaging provisions.	79 FR 17367	3/27/2014
63.1333	Additional requirements for performance testing.	79 FR 17368	3/27/2014
63.1334	Parameter monitoring levels and excursions.	79 FR 17368	3/27/2014
63.1335	General recordkeeping and reporting provisions.	79 FR 17369	3/27/2014
	Table 1 to Subpart JJJ of Part 63 - applicability of general provisions to Subpart JJJ affected sources	79 FR 17371	3/27/2014
<b>Subpart LLL – NESHAP Portland cement manufacturing industry</b>			
63.1341	Definitions.	78 FR 10037 80 FR 44778	2/12/2013 7/27/2015
63.1343	What standards apply to my kilns, clinker coolers, raw material dryers, and open clinker storage piles?	78 FR 10037 80 FR 44779	2/12/2013 7/27/2015

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63.1344	[Removed and Reserved]	80 FR 44781	7/27/2015
63.1346	Operating limits for kilns.	78 FR 10039 80 FR 44781	2/12/2013 7/27/2015
63.1347	Operation and maintenance plan requirements.	78 FR 10040 80 FR 44781	2/12/2013 7/27/2015
63.1348	Compliance requirements.	78 FR 10040 80 FR 44781	2/12/2013 7/27/2015
63.1349	Performance testing requirements.	78 FR 10040 80 FR 44781 80 FR 54729	2/12/2013 7/27/2015 9/11/2015
63.1350	Monitoring requirements.	78 FR 10049 80 FR 44788 80 FR 54729	2/12/2013 7/27/2015 9/11/2015
63.1351	Compliance dates.	78 FR 10053	2/12/2013
63.1352	Additional test methods.	78 FR 10053	2/12/2013
63.1353	Notification requirements.	78 FR 10053	2/12/2013
63.1354	Reporting requirements.	78 FR 10053 80 FR 44790	2/12/2013 7/27/2015
63.1355	Recordkeeping requirements.	78 FR 10053 80 FR 44791	2/12/2013 7/27/2015
63.1356	Sources with multiple emissions limit or monitoring requirements.	80 FR 44791	7/27/2015
63.1357	[Removed and Reserved] Temporary, conditioned exemption from particulate matter and opacity standards.	78 FR 10054 80 FR 44791	2/12/2013 7/27/2015
	Table 1 to Subpart LLL of Part 63 - applicability of general provisions	78 FR 10054 80 FR 44791	2/12/2013 7/27/2015
<b>Subpart MMM – NESHAP Pesticide active ingredient production</b>			
63.1360	Applicability.	79 FR 17371	3/27/2014
63.1361	Definitions.	79 FR 17372	3/27/2014
63.1362	Standards.	79 FR 17372	3/27/2014
63.1364	Compliance dates.	79 FR 17372	3/27/2014
63.1365	Test methods and initial compliance procedures.	79 FR 17374	3/27/2014
63.1365	Test methods and initial compliance procedures.	79 FR 17374	3/27/2014
63.1366	Monitoring and inspection requirements.	79 FR 17374	3/27/2014
63.1367	Recordkeeping requirements.	79 FR 17374	3/27/2014
63.1368	Reporting requirements.	79 FR 17375	3/27/2014
	Table 1 to Subpart MMM of Part 63 - general provisions applicability to Subpart MMM	79 FR 17375	3/27/2014
<b>Subpart NNN – NESHAP Wool fiberglass manufacturing</b>			
63.1380	Applicability.	80 FR 45334	7/29/2015

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63.1381	Definitions.	80 FR 45334	7/29/2015
63.1382	Emission standards.	80 FR 45334	7/29/2015
63.1383	Monitoring requirements.	80 FR 45334	7/29/2015
63.1384	Performance test requirements.	80 FR 45334	7/29/2015
63.1385	Test methods and procedures.	80 FR 45335	7/29/2015
63.1386	Notification, recordkeeping, and reporting requirements.	80 FR 45335	7/29/2015
63.1387	Compliance dates.	80 FR 45336	7/29/2015
63.1389	Startups and shutdowns.	80 FR 45336	7/29/2015
	Table 1 to Subpart NNN of Part 63 - applicability of general provisions (40 CFR Part 63, Subpart A) to Subpart NNN	80 FR 45336	7/29/2015
	Table 2 to Subpart NNN of Part 63 - emissions limits and compliance dates	80 FR 45338	7/29/2015
<b>Subpart PPP – NESHAP Polyether polyols production</b>			
63.1420	Applicability and designation of affected sources.	79 FR 17376	3/27/2014
63.1422	63.1422 Compliance dates and relationship of this rule to existing applicable rules.	79 FR 17377	3/27/2014
63.1423	Definitions.	79 FR 17377	3/27/2014
63.1427	Process vent requirements for processes using extended cookout as an epoxide emission reduction technique.	79 FR 17377	3/27/2014
63.1428	Process vent requirements for group determination of PMPUs using a nonepoxide organic HAP to make or modify the product.	79 FR 17377	3/27/2014
63.1429	Process vent monitoring requirements.	79 FR 17378	3/27/2014
63.1430	Process vent reporting and recordkeeping requirements.	79 FR 17378	3/27/2014
63.1434	Equipment leak provisions.	79 FR 17378	3/27/2014
63.1437	Additional requirements for performance testing.	79 FR 17378	3/27/2014
63.1438	Parameter monitoring levels and excursions.	79 FR 17379	3/27/2014
63.1439	General recordkeeping and reporting provisions.	79 FR 17379	3/27/2014
	Table 1 of Subpart PPP of Part 63 - applicability of general provisions to Subpart PPP affected sources	79 FR 17381	3/27/2014
	Table 2 of Subpart PPP of Part 63 - applicability of HON provisions to Subpart PPP affected sources	79 FR 17382	3/27/2014
	Table 7 of Subpart PPP of Part 63 name change	79 FR 17382	3/27/2014
<b>Subpart RRR – NESHAP Secondary aluminum production</b>			
63.1503	Definitions.	80 FR 56738	9/18/2015
63.1505	Emission standards for affected sources and emission units.	80 FR 56739	9/18/2015

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63.151	Monitoring requirements.	80 FR 56741	9/18/2015
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63.1515	Notifications.	80 FR 56752	9/18/2015
63.1516	Reports.	80 FR 56753	9/18/2015
63.1517	Records	80 FR 56753	9/18/2015
	Table 1 to Subpart RRR of Part 63 - emission standards for new and existing affected sources	80 FR 56754	9/18/2015
	Table 2 to Subpart RRR of Part 63 - summary of operating requirements for new and existing affected sources and emission units	80 FR 56757	9/18/2015
	Table 3 to Subpart RRR of Part 63 - summary of monitoring requirements for new and existing affected sources and emission units	80 FR 56758	9/18/2015
<b>Subpart UUU – NESHAP Catalytic cracking units, catalytic reforming units, and sulfur recovery units</b>			
63.1562	What parts of my plant are covered by this subpart?	80 FR 75273	12/1/2015
63.1564	63.1564 What are my requirements for metal HAP emissions from catalytic cracking units?	80 FR 75273	12/1/2015
63.1565	What are my requirements for organic HAP emissions from catalytic cracking units?	80 FR 75275	12/1/2015
63.1566	What are my requirements for organic HAP emissions from catalytic reforming units?	80 FR 75275	12/1/2015
63.1568	What are my requirements for HAP emissions from sulfur recovery units?	80 FR 75275	12/1/2015
63.1570	What are my general requirements for complying with this subpart?	80 FR 75276	12/1/2015
63.1571	How and when do I conduct a performance test or other initial compliance demonstration?	80 FR 75276	12/1/2015
63.1572	What are my monitoring installation, operation, and maintenance requirements?	80 FR 75277	12/1/2015
63.1573	What are my monitoring alternatives?	80 FR 75277	12/1/2015
63.1574	What notifications must I submit and when?	80 FR 75278	12/1/2015
63.1575	What reports must I submit and when?	80 FR 75278	12/1/2015
63.1576	What records must I keep, in what form, and for how long?	80 FR 75279	12/1/2015
63.1579	What definitions apply to this subpart?	80 FR 75279	12/1/2015
	Table 1 to Subpart UUU of Part 63 - metal hap emission limits for catalytic cracking units	80 FR 75280	12/1/2015
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	Table 4 to Subpart UUU of Part 63 - requirements for performance tests for metal hap emissions from catalytic cracking units	80 FR 75285	12/1/2015
	Table 5 to Subpart UUU of Part 63 - initial compliance with metal hap emission limits for catalytic cracking units	80 FR 75290	12/1/2015
	Table 6 to Subpart UUU of Part 63 - continuous compliance with metal hap emission limits for catalytic cracking units	80 FR 75292	12/1/2015
	Table 7 to Subpart UUU of Part 63 - continuous compliance with operating limits for metal hap emissions from catalytic cracking units	80 FR 75293	12/1/2015
	Table 8 to Subpart UUU of Part 63 - organic hap emission limits for catalytic cracking units	80 FR 75299	12/1/2015
	Table 9 to Subpart UUU of Part 63 - operating limits for organic hap emissions from catalytic cracking units	80 FR 75299	12/1/2015
	Table 10 to Subpart UUU of Part 63 - continuous monitoring systems for organic hap emissions from catalytic cracking units	80 FR 75300	12/1/2015
	Table 11 to Subpart UUU of Part 63 - requirements for performance tests for organic HAP emissions from catalytic cracking units not subject to NSPS for carbon monoxide	80 FR 75301	12/1/2015
	Table 12 to Subpart UUU of Part 63 - initial compliance with organic HAP emission limits for catalytic cracking units	80 FR 752102	12/1/2015
	Table 13 to Subpart UUU of Part 63 - continuous compliance with organic HAP emission limits for catalytic cracking units	80 FR 75302	12/1/2015
	Table 14 to Subpart UUU of Part 63 - continuous compliance with operating limits for organic HAP emissions from catalytic cracking units	80 FR 75303	12/1/2015
	Table 15 to Subpart UUU of Part 63 - organic hap emission limits for catalytic reforming units	80 FR 75304	12/1/2015
	Table 16 to Subpart UUU of Part 63 - operating limits for organic HAP emissions from catalytic reforming units	80 FR 75304	12/1/2015
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	Table 18 to Subpart UUU of Part 63 - requirements for performance tests for organic HAP emissions from catalytic reforming units	80 FR 75305	12/1/2015
	Table 19 to Subpart UUU of Part 63 - initial compliance with organic HAP emission limits for catalytic reforming units	80 FR 75305	12/1/2015
	Table 20 to Subpart UUU of Part 63 - continuous compliance with organic HAP emission limits for catalytic reforming units	80 FR 75305	12/1/2015
	Table 21 to Subpart UUU of Part 63 - continuous compliance with operating limits for organic HAP emissions from catalytic reforming units	80 FR 75306	12/1/2015
	Table 22 to Subpart UUU of Part 63 - inorganic HAP emission limits for catalytic reforming units	80 FR 75306	12/1/2015
	Table 24 to Subpart UUU of Part 63 - continuous monitoring systems for inorganic HAP emissions from catalytic reforming units	80 FR 75306	12/1/2015
	Table 25 to Subpart UUU of Part 63 - requirements for performance tests for inorganic HAP emissions from catalytic reforming units	80 FR 75307	12/1/2015
	Table 28 to Subpart UUU of Part 63 - continuous compliance with operating limits for inorganic HAP emissions from catalytic reforming units	80 FR 75308	12/1/2015
	Table 29 to Subpart UUU of Part 63 - HAP emission limits for sulfur recovery units	80 FR 75309	12/1/2015
	Table 30 to Subpart UUU of Part 63 - operating limits for HAP emissions from sulfur recovery units	80 FR 75310	12/1/2015
	Table 31 to Subpart UUU of Part 63 - continuous monitoring systems for HAP emissions from sulfur recovery units	80 FR 75310	12/1/2015
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	Table 33 to Subpart UUU of Part 63 - initial compliance with HAP emission limits for sulfur recovery units	80 FR 75313	12/1/2015
	Table 34 to Subpart UUU of Part 63 - continuous compliance with HAP emission limits for sulfur recovery units	80 FR 75315	12/1/2015
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	Table 40 to Subpart UUU of Part 63 - requirements for installation, operation, and maintenance of continuous opacity monitoring systems and continuous emission monitoring systems	80 FR 75317	12/1/2015
	Table 41 to Subpart UUU of Part 63 - requirements for installation, operation, and maintenance of continuous parameter monitoring systems	80 FR 75318	12/1/2015
	Table 43 to Subpart UUU of Part 63 - requirements for reports	80 FR 75319	12/1/2015
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<b>Subpart XXX – NESHAP Ferromanganese and silicomanganese production</b>			
63.1620	Am I subject to this subpart?	80 FR 37390	6/30/2015
<b>Subpart ZZZZ – NESHAP Stationary reciprocating internal combustion engines</b>			
63.6585	Am I subject to this subpart?	78 FR 6700	1/30/2013
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63.6595	When do I have to comply with this subpart?	78 FR 6701	1/30/2013
63.6603	What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?	78 FR 6701	1/30/2013
63.6605	What are my general requirements for complying with this subpart?	78 FR 6702	1/30/2013
63.6620	What performance tests and other procedures must I use?	78 FR 6702	1/30/2013
63.6625	What are my monitoring, installation, collection, operation, and maintenance requirements?	78 FR 6703	1/30/2013
63.6630	How do I demonstrate initial compliance with the emission limitations, operating limitations, and other requirements?	78 FR 6704	1/30/2013
63.6640	How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?	78 FR 6704	1/30/2013
63.6645	What notifications must I submit and when?	78 FR 6705	1/30/2013
63.6650	What reports must I submit and when?	78 FR 6705	1/30/2013

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63.6655	What records must I keep?	78 FR 6706	1/30/2013
63.6675	What definitions apply to this subpart?	78 FR 6706	1/30/2013
	Table 2c to Subpart ZZZZ of Part 63 - requirements for existing compression ignition stationary RICE located at a major source of HAP emissions and existing spark ignition stationary RICE $\leq$ 500 HP located at a major source of HAP emissions	78 FR 14457	3/6/2013
	Table 2d to Subpart ZZZZ of Part 63 - requirements for existing stationary RICE located at area sources of hap emissions	78 FR 6709	1/30/2013
	Table 4 to Subpart ZZZZ of Part 63 - requirements for performance tests	79 FR 11290	2/27/2014
	Table 5 to Subpart ZZZZ of Part 63 - initial compliance with emission limitations, operating limitations, and other requirements	78 FR 6712	1/30/2013
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	Table 7 to Subpart ZZZZ of Part 63 - requirements for reports	78 FR 6719	1/30/2013
	Table 8 to Subpart ZZZZ of Part 63 - applicability of general provisions to Subpart ZZZZ.	78 FR 6720	1/30/2013
	Appendix A to Subpart ZZZZ of Part 63 - protocol for using an electrochemical analyzer to determine oxygen and carbon monoxide concentrations from certain engines	78 FR 6721	1/30/2013
<b>Subpart DDDDD – NESHAP Industrial, commercial, and institutional boilers</b>			
63.7480 -	Adopted	76 FR 15607	3/21/2011
63.7575	Amended	78 FR 7138	1/31/2013
	Amended	80 FR 72789	11/20/2015
<b>Subpart UUUUU - NESHAP Coal- and oil-fired electric utility steam generating units</b>			
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63.10000	What are my general requirements for complying with this subpart?	78 FR 24084 79 FR 68788	4/24/2013 11/19/2014
63.10005	What are my initial compliance requirements and by what date must I conduct them?	78 FR 24084 79 FR 68789	4/24/2013 11/19/2014
63.10006	When must I conduct subsequent performance tests or tune-ups?	78 FR 24085	4/24/2013
63.10007	What methods and other procedures must I use for the performance tests?	78 FR 24085 79 FR 68789	4/24/2013 11/19/2014
63.10009	May I use emissions averaging to comply with this subpart?	78 FR 24085	4/24/2013

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63.10011	How do I demonstrate initial compliance with the emissions limits and work practice standards?	79 FR 68790	11/19/2014
63.10020	How do I monitor and collect data to demonstrate continuous compliance?	79 FR 68790	11/19/2014
63.10021	How do I demonstrate continuous compliance with the emission limitations, operating limits, and work practice standards?	78 FR 24086 79 FR 68791	4/24/2013 11/19/2014
63.10022	How do I demonstrate continuous compliance under the emissions averaging provision?	79 FR 68791	11/19/2014
63.10023	How do I establish my PM CPMS operating limit and determine compliance with it?	78 FR 24086	4/24/2013
63.10030	What notifications must I submit and when?	78 FR 24087 79 FR 68791	4/24/2013 11/19/2014
63.10031	What reports must I submit and when?	79 FR 68791 79 FR 68799 80 FR 15514	11/19/2014 11/19/2014 3/24/2015
63.10032	What records must I keep?	79 FR 68792	11/19/2014
63.10042	What definitions apply to this subpart?	78 FR 24087 79 FR 68792	4/24/2013 11/19/2014
	Table 1 to Subpart UUUUU of Part 63 - emission limits for new or reconstructed EGUs	78 FR 24087	4/24/2013
	Table 3 to Subpart UUUUU of Part 63 - work practice standards	79 FR 68792	11/19/2014
	Table 4 to Subpart UUUUU of Part 63 - operating limits for EGUs	78 FR 24090	4/24/2013
	Table 5 to Subpart UUUUU of Part 63 - performance testing requirements	78 FR 24091	4/24/2013
	Table 6 to Subpart UUUUU of Part 63 - Establishing PM CPMS Operating Limits	78 FR 24091	4/24/2013
	Table 7 to Subpart UUUUU of Part 63 - demonstrating continuous compliance	78 FR 24092	4/24/2013
	Table 9 to Subpart UUUUU of Part 63 - applicability of general provisions to Subpart UUUUU	78 FR 24093	4/24/2013
	Appendix A to Subpart UUUUU of Part 63 - Hg monitoring provisions	78 FR 24094	4/24/2013
	Appendix A to Subpart UUUUU of Part 63 - Hg monitoring provisions	79 FR 68795	11/19/2014
<b>Subpart JJJJJ – NESHAP Industrial, commercial, and institutional boilers area sources<sup>1</sup></b>			

<sup>1</sup> WAC 173-400-075(6) adopts this rule when the affected boiler is located at a facility with an air operating

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<b>Changes to 40 CFR Part 63 since July 1, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
	Adopted	76 FR 15554	3/21/2011
	Amended	78 FR 7487	2/1/2013
<b>Subpart VVVVVV – NESHAP Chemical manufacturing area sources</b>			
63.11494	What are the applicability requirements and compliance dates?	77 FR 75756	12/21/2012
63.11496	What are the standards and compliance requirements for process vents?	77 FR 75757	12/21/2012
63.11497	What are the standards and compliance requirements for storage tanks?	77 FR 75757	12/21/2012
63.11498	What are the standards and compliance requirements for wastewater systems?	77 FR 75757	12/21/2012
63.11500	What compliance options do I have if part of my plant is subject to both this subpart and another Federal standard?	77 FR 75757	12/21/2012
63.11501	What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?	77 FR 75758	12/21/2012
63.11502	What definitions apply to this subpart?	77 FR 75759	12/21/2012
	Table 5 to Subpart VVVVVV of Part 63—Emission Limits and Compliance Requirements for Storage Tanks	77 FR 75760	12/21/2012
	Table 9 to Subpart VVVVVV of Part 63—Applicability of General Provisions to Subpart VVVVVV	77 FR 75762	12/21/2012
<b>Appendix A to Part 63 - Test Methods pollutant measurement methods from various waste media</b>			
	Method 306B - surface tension measurement for tanks used at decorative chromium electroplating and chromium anodizing facilities	77 FR 58253	9/19/2012

<b>Changes to 40 CFR Part 65 since July 12, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
<b>Part 65 Consolidated Federal Air Rule (synthetic organic chemical manufacturing industry)</b>			
65.14	Addresses	78 FR 37977	6/25/2013

permit. The state rule does not adopt the air toxic rules that apply to smaller sources known as non-major or area sources.

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<b>Changes to 40 CFR Part 70 since July 12, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
The references to 40 CFR 70.6 and 40 CFR 70.7 in Chapter 173-400 WAC are for informational or referencing purposes that do not require an adoption date.			

<b>Changes to 40 CFR Part 72 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 72 – Permits Regulation (acid rain program)			
	No changes		

<b>Changes to 40 CFR Part 75 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 75 – Continuous emission monitoring			
	No changes		

<b>Changes to 40 CFR Part 81 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 81 – Designation of areas for air quality planning purposes			
	No changes		

<b>Changes to 40 CFR Part 82 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Appendix A to Subpart A of Part 82 – Class I controlled substances (ozone depleting substances)			
	No changes		
Appendix B to Subpart A of Part 82 – Class II controlled substances (ozone depleting substances)			
	No changes		

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<b>Changes to 40 CFR Part 89 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Subpart B – Emission standards and certification provisions			
89.112	No changes		

<b>Changes to 40 CFR Part 124 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Part 124 – Procedures for decisionmaking			
124.12	No changes		
124.19	Appeal of RCRA, UIC, NPDES, and PSD permits	78 FR 5285	1/25/2013

<b>Changes to 40 CFR Part 1039 since November 28, 2012</b>			
<b>Section</b>	<b>Heading</b>	<b>Federal Register</b>	<b>Date</b>
Subpart B – Emission standards and related requirements			
124.12	No changes		

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### California Rules

The following is a list of changes to the California motor vehicle rules that are new or amended since Ecology last adopted these rules in WAC 173-423-070(1). California Code of Regulations (CCR) is found at <http://www.oal.ca.gov/ccr.htm>.

Title 13 CCR Division 3 California Air Resources Board	Title	California Effective Date
<b>Chapter 1 Motor Vehicle Pollution Control Devices</b>		
Article 1 General Provisions		
Section 1900	Definitions	<u>10/8/15</u>
Section 1956.8 (g) and (h)	Exhaust Emission Standards and Test Procedures - 1985 and Subsequent Model Heavy Duty Engines and Vehicles	<u>12/05/14</u>
Section 1960.1	Exhaust Emission Standards and Test Procedures - 1981 and through 2006 Model Passenger Cars, Light-Duty and Medium-Duty Vehicles	<u>12/31/12</u>
Section 1961	Exhaust Emission Standards and Test Procedures - 2004 through 2019 Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles	<u>12/31/12</u>
Section 1961.2	Exhaust Emission Standards and Test Procedures - 2015 and Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles	<u>10/8/15</u>
Section 1961.3	Greenhouse Gas Exhaust Emission Standards and Test Procedures - 2017 and Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles in <u>40 CFR 86.167-17</u>	<u>12/31/12</u>
Section 1965	Emission Control, Smog Index, and Environmental Performance Labels - 1979 and Subsequent Model-Year Motor Vehicles	<u>10/08/15</u>
Section 1968.2	Malfunction and Diagnostic System Requirements - 2004 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines	<u>7/31/13</u>
Section 1968.5	Enforcement of Malfunction and Diagnostic System Requirements for 2004 and Subsequent Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines	<u>7/31/13</u>
Section 1976	Standards and Test Procedures for Motor Vehicle Fuel Evaporative Emissions	<u>10/08/15</u>
Section 1978	Standards and Test Procedures for Vehicle Refueling Emissions	<u>10/08/15</u>
Article 6 Emission Control System Warranty		
Section 2036	Defects Warranty Requirements for 1979 through 1989 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles; 1979 and Subsequent Model Motorcycles and Heavy-Duty Vehicles; and Motor Vehicle Engines Used in Such Vehicles	<u>12/05/14</u>

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Title 13 CCR Division 3 California Air Resources Board	Title	California Effective Date
Section 2037	Defects Warranty Requirements for 1990 and Subsequent Model Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles and Motor Vehicle Engines Used in Such Vehicles	<u>12/05/14</u>
<b>Chapter 2 Enforcement of Vehicle Emission Standards and Enforcement Testing</b>		
Article 2.1 Procedures for In-Use Vehicle Voluntary and Influenced Recalls		
Section 2112	Definitions	<u>12/05/14</u>
Article 2.4 Procedures for Reporting Failure of Emission-Related Components		
Section 2147	Demonstration of Compliance with Emission Standards	<u>12/05/14</u>