

LANE REGIONAL AIR PROTECTION AGENCY

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SIMPLE
AIR CONTAMINANT DISCHARGE PERMIT (Simple-ACDP)

Issued in accordance with provisions of Title 34, Lane Regional Air Protection Agency's Rules and Regulations, and based on the land use compatibility findings included in the permit record.

Issued To:

Waterdog Surface Technologies

90554 Highway 99N

Eugene, Oregon 97402

Land Use Compatibility Statement:

From: City of Eugene

Dated: September 9, 2009

Mailing Address:

90554 Highway 99N

Eugene, Oregon 97402

Fee Basis:

Title 37, Table 1, Part B:

69 – Surface coating with actual emissions of VOCs before add-on controls of 10 or more tons/yr

Permit Number: 208944

Permit Type: Simple "High"

SIC: 3949 Sporting and Athletic Goods

Date Issued: November 24, 2009

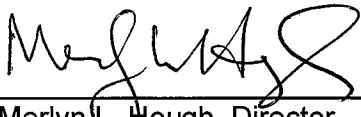
Expiration Date: November 23, 2014

Permitted Sources:

Archery Products Manufacturing

Issued

By: _____


Merlyn C. Hough, Director

Effective

NOV 24 2009

Date: _____

Permitted Activities

1. Until this permit expires or is revoked, the permittee is herewith allowed to discharge exhaust gases containing contaminants only in accordance with the permit application and the requirements, limitations, and conditions contained in this permit. This specific listing of requirements, limitations, and conditions does not relieve the permittee from complying with all other rules of Lane Regional Air Protection Agency (LRAPA).

Performance Standards and Limitations

2. The permittee shall not cause, suffer, allow, or permit the emission of any air contaminant, excluding uncombined water, into the atmosphere from any air contaminant source for a period or periods aggregating more than three (3) minutes in any one (1) hour which is equal to or greater than 20 percent opacity. [LRAPA 32-010(1)(B)]
3. Particulate emissions shall not exceed 0.1 grain per standard dry cubic foot (dscf) from any air contaminant source constructed or modified after June 1, 1970. [LRAPA 32-015(2)]
4. The permittee shall conduct dust suppression measures such as, but not limited to, cleaning around bins and equipment and shall operate all air contaminant generating processes so that fugitive dust associated with the operation will be adequately controlled at all times.
5. All plant processes equipment and all air contaminant collection and disposal facilities, including the paint booth filters shall be operated and maintained at all times in a manner which shall minimize air contaminant discharges. [LRAPA 32-005]

Plant Site Emission Limits (PSELs)

6. Total emissions from all sources located at the plant shall not exceed the 12-month rolling limits below. Calculation details are found in the attached Review Report. [LRAPA 34-060(5)]

Annual (12-Month Rolling) PSELs
(tons)

Source	Single HAP	Total HAP	VOC
Facility-wide Archery Equipment Manufacturing	9	24	39

7. Any changes in operation that may increase the emissions above the PSELs must be approved by LRAPA. Failure to do so may result in enforcement actions being taken by LRAPA. Substitutions of coatings may be employed provided that both consumption and composition records are maintained in accordance with the permit reporting requirements. [LRAPA 34-110(5)]

Monitoring, Recordkeeping and Reporting Requirements

8. By the 15th day of each month the permittee shall determine compliance with the 12-month rolling VOC PSELS in accordance with the following procedure.

The permittee shall maintain usage records of all materials that contain VOCs and calculate emissions using the following equation:

For VOC: [E = Σ (RM x D x VOC x EF x K)]

- where:
- E = VOC emissions in tons per month and tons per year;
 - Σ = Symbol representing "summation of";
 - RM = Raw Material usage in gallons per month and gallons per year;
 - D = Density of each Raw Material used in pounds per gallon as obtained from the MSDS;
 - VOC = VOC content of Raw Material by weight fraction as obtained from the MSDS;
 - EF = Emission Factor. Unless the MSDS or Certified Product Data Sheet states otherwise, an emission factor of 1.0 will be assumed for all raw material containing VOC; and
 - K = Conversion Factor Constant: 1 ton per 2000 pounds.

9. The permittee shall monitor and maintain records of the following information:

- 9.a. Monthly usage of all VOC/HAP-containing materials and emission control system parameters according to the following:

Activity	Parameter	Units	Recording Frequency
Facility-wide VOC/HAP-containing Material Usage ¹	Material Usage	Gallons	Monthly
Facility-wide VOC/HAP-containing Material Usage ¹	Density of Material	Pounds per Gallon of coating solids	Per Coating and Solvent ²
Facility-wide VOC-containing Material Usage ¹	VOC Content	% By Weight	Per Coating and Solvent ²
Facility-wide HAP-containing Material Usage ¹	HAP Content	% By Weight	Per Coating and Solvent ²

Activity	Parameter	Units	Recording Frequency
Inspection and Maintenance (I&M) Plan Activities and Parameters	Occurrence	NA	As Specified in I&M Plan

¹NOTE: Including but not limited to: coatings, lacquers, thinners, stains, topcoats, solvents, gluing, cleaning, and wash-off materials.

²NOTE: This information shall be supplied from MSDS or Certified Product Data Sheet provided by the manufacturer/supplier of the coatings or solvents.

9.b. Excess emission log as required per Condition G15

10. The permittee shall monitor HAP emissions by calculating a 12-month total for each HAP and combination of HAPs by the 15th working day of each month. The 12-month rolling total shall be determined by summing the total HAP emissions from the previous 12 months.

Monthly HAP emissions shall be calculated using the following method.

$$\text{HAP Emissions} = \frac{(\% \text{HAP by weight})}{(100)} \times \frac{(\text{Density lb})}{(\text{gal})} \times \frac{(\text{Gal Consumed})}{(\text{month})} \times \frac{(1 \text{ ton})}{(2000 \text{ lbs})}$$

The density and HAP content of each material used shall be obtained from the MSDS or Certified Product Data Sheet. Where a range of HAP contents is listed in the MSDS, the highest value in the range shall be used for this calculation.

11. A semi-annual report to document compliance with the PSELs shall be submitted. The reports shall also document any new VOC/HAP-containing raw materials used by the facility and shall provide updated or new MSDS or Certified Product Data Sheet as necessary. The reports shall include the information required per Conditions 8, 9, 10, and G15. The semi-annual reporting periods are January 1st through June 30th, and July 1st through December 31st.

The semi-annual reports are due thirty (30) days after the end of each semi-annual reporting period. [LRAPA 34-070(5)]

Unless otherwise specified, all reports, test results, notifications, etc. required by the above terms and conditions shall be reported to the following office: [LRAPA 34-070 (5)]

Lane Regional Air Protection Agency
 1010 Main Street
 Springfield, Oregon 97477
 (541) 736-1056

12. Within 60 days of issuance of this permit, the permittee shall submit and follow an LRAPA-approved Inspection and Maintenance (I&M) plan for pollution control devices and equipment. [LRAPA 32-007]

GENERAL PERMIT CONDITIONS

General Conditions and Disclaimers

- G1. A copy of the permit application and this Air Contaminant Discharge Permit (ACDP) must be available on site for inspection upon request.
- G2. The permittee shall allow the Director or his/her authorized representatives access to the plant site and pertinent records at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant discharge records and otherwise conducting necessary functions related to this permit in accordance with ORS 468.095. [LRAPA 13-020(1)(h)]
- G3. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

Performance Standards and Emission Limits

- G4. The permittee shall not cause or permit the emissions of any particulate matter which is greater than 250 microns in size if such particulate matter does or will deposit upon the real property of another person. [LRAPA 32-055]
- G5. The permittee shall not discharge from any source whatsoever such quantities of air contamination which cause injury, detriment, public nuisance or annoyance to any persons or to the public or which cause injury or damage to business or property; such determination to be made by LRAPA. [LRAPA 32-090(1)]
- G6. The permittee shall not cause or permit emission of water vapor if the water vapor causes or tends to cause detriment to the health, safety or welfare of any person or causes, or tends to cause damage to property or business. [LRAPA 32-090(2)]
- G7. The permittee shall not willfully cause or permit the installation or use of any device or use of any means which, without resulting in a reduction in the total amount of air contaminants emitted, conceals emissions of air contaminants which would otherwise violate LRAPA rules. [LRAPA 33-030(1)]
- G8. The permittee shall not cause or permit the installation or use of any device or use of any means designed to mask the emissions of an air contaminant which causes or tends to cause detriment to health, safety or welfare of any person. [LRAPA 33-030(2)]
- G9. The permittee shall not allow any materials to be handled, transported, or stored; or a building, its appurtenances or road(s) to be used, constructed, altered, repaired, or demolished; or any equipment to be operated, without taking reasonable precautions to prevent particulate matter from being airborne. [LRAPA 48-015(2)]
- G10. The permittee shall not cause or permit the emissions of odorous matter in such a manner as to cause a public nuisance. [LRAPA 49-010(1)]

Excess Emissions: General Policy

- G11. Emissions of air contaminants in excess of applicable standards or permit conditions are considered unauthorized and are subject to enforcement action, pursuant to LRAPA 36-010 and

36-030. These rules apply to any permittee operating a source which emits air contaminants in violation of any applicable air quality rule or permit condition resulting from the breakdown of air pollution control equipment or operating equipment, process upset, startup, shutdown, or scheduled maintenance. [LRAPA 32-001(1)]

Excess Emissions: Notification and Record-keeping

- G12. The permittee must immediately (i.e., as soon as possible, but in no case more than one (1) hour after the beginning of the excess emissions period) notify LRAPA by telephone or in person of all cases of excess emissions due to upset or breakdown. [LRAPA 36-020(1)] Notification shall include:
- a. source name;
 - b. nature of the emissions problem;
 - c. name of the person making the report;
 - d. name and telephone number of the contact person for further information;
 - e. date and time of the onset of the upset condition;
 - f. whether or not the incident was planned;
 - g. equipment involved in the upset or breakdown;
 - h. estimated type and quantity of excess emissions;
 - i. estimated time of return to normal operations;
 - j. efforts made to minimize emissions; and
 - k. description of remedial actions to be taken.

Notification shall be made to the LRAPA office. The current LRAPA telephone number during regular business hours (8 a.m. - 5 p.m., M-F) is (541) 736-1056. During nonbusiness hours, weekends, or holidays, the permittee shall immediately notify LRAPA by calling the LRAPA Upset/Complaint Line. The current number is (541) 726-1930.

Follow-up reporting, if required by LRAPA, shall contain all information required by Condition G15.

- G13. At each reporting period specified in this permit, or sooner if required by LRAPA, the permittee shall submit a copy of the upset log entries for the reporting period, as required by Condition G15. [LRAPA 36-025(4)]
- G14. Any excess emissions which could endanger public health or safety shall immediately be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.
- G15. The permittee shall keep an upset log of all planned and unplanned excess emissions. [LRAPA 36-025(3) and 36-030(1)] The upset log shall include the following:
- a. date and time each event was reported to LRAPA;
 - b. whether the process handling equipment and the air pollution control equipment were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
 - c. whether repairs or corrections were made in an expeditious manner when the permittee knew

- or should have known that emission limits were being or were likely to be exceeded;
- d. whether the event was one in a recurring pattern of incidents which indicate inadequate design, operation, or maintenance; and
- e. final resolution of the cause of the excess emissions.

Upset logs shall be kept by the permittee for two (2) calendar years.
[LRAPA 36-025(4)]

Excess Emissions: Scheduled Maintenance

- G16. Where it is anticipated that shutdown, by-pass, or operation at reduced efficiency of production equipment or air pollution control equipment for necessary scheduled maintenance may result in excess emissions, the permittee must obtain prior LRAPA approval of procedures that will be used to minimize excess emissions. Application for approval of procedures associated with the scheduled maintenance shall be submitted and received by LRAPA in writing at least seventy-two (72) hours prior to the event. [LRAPA 36-015(1)] The application shall include the following:
- a. reasons explaining the need for maintenance, including why it would be impractical to shut down the source operation during the period, and why the by-pass or reduced efficiency could not be avoided through better scheduling for maintenance or through better operation and maintenance practices;
 - b. identification of the specific production or emission control equipment or system to be maintained;
 - c. nature of the air contaminants likely to be emitted during the maintenance period, and the estimated amount and duration of the excess emissions, including measures such as the use of overtime labor and contract services and equipment that will be taken to minimize the length of the maintenance period; and
 - d. identification of specific procedures to be followed which will minimize excess emissions.
- G17. No scheduled maintenance which is likely to result in excess emissions shall occur during any period in which an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency has been declared, or during an announced "Stage I Red" woodstove advisory period, in areas determined by LRAPA as PM₁₀ Nonattainment Areas. [LRAPA 36-015(6)]
- G18. In cases where LRAPA has not received notification of scheduled maintenance that is likely to cause excess emissions within the required seventy-two (72) hours prior to the event, or where such approval has not been waived pursuant to LRAPA 36-025(2), the permittee shall immediately notify LRAPA by telephone of the situation, and shall be subject to the requirements of Conditions G12 and G13. [LRAPA 36-015(7)]

Air Pollution Emergencies

- G19. The permittee shall, upon declaration of an air pollution episode, take all actions specified in Tables 1, 2, and 3 of LRAPA's Title 51 (see Attachment A) and shall particularly put into effect the LRAPA-approved preplanned abatement strategy for such condition, if applicable. [LRAPA 51-015]

Notification of Construction/Modification

- G20. The permittee shall notify LRAPA in writing and obtain approval in accordance with LRAPA 34-035 before:
- a. constructing or installing any new source of air contaminant emissions, including air pollution control equipment; or
 - b. modifying or altering an existing source that may significantly affect the emissions of air contaminants, or
 - c. making any physical change which increases emissions; or
 - d. changing the method of operation, the process, or the fuel use, or increasing the normal hours of operation to levels above those contained in the permit application and reflected in this permit and which result in increased emissions.

Notification of Name Change

- G21. The permittee shall notify LRAPA in writing, using an LRAPA Application for Administrative Amendment to ACDP form, within 60 days after legal change of the registered name of the company with the Corporation Division of the State of Oregon.

Applicable administrative fees must be submitted with an application for the name change.

Permit Renewal

- G22. Application for renewal of this permit must be submitted not less than 60 days prior to the permit expiration date. [LRAPA 37-0040]
- G23. The procedure for issuance of a permit shall apply to renewal of a permit. If a completed application for a renewal of a permit is filed with LRAPA in a timely manner, prior to the expiration date of the permit, the permit shall not be deemed to expire until final action has been taken on the renewal application to issue or deny a permit. [LRAPA 37-0040]

Termination Conditions

- G24. This permit shall be automatically terminated: [LRAPA 37-0040 and 37-0082]
- a. within sixty (60) days after sale or exchange of the activity or facility which requires a permit;
 - b. upon change of nature of the activities, operations, emissions, or discharges from those of record in the last application;
 - c. within one (1) year after a plant closure lasting continuously for one (1) or more years;
 - d. upon issuance of a new, renewal, or modified permit for the same operation; or
 - e. upon written request of the permittee.
- G25. In the event that it becomes necessary to suspend or terminate this permit due to non-compliance with the terms of the permit, unapproved changes in operation, false information submitted in the application or any other cause, LRAPA shall notify the permittee by registered or certified mail of its intent to suspend or revoke the permit. Such notification shall include the reasons for the suspension or revocation. The suspension or revocation shall become effective twenty (20) days

from the date of mailing of such notices unless, within that time, the permittee requests a hearing. Such a request for hearing shall be made in writing and shall state the grounds for such a request. [LRAPA 37-0082-4]

- G26. Termination of this permit resulting from continuous plant closure shall subject the source to review as a new non-permitted source upon application to operate the facility. [LRAPA 37-0082-3]
- G27. If LRAPA finds that there is a serious danger to the public health or safety or that irreparable damage to a resource will occur, it may suspend or terminate this permit, effective immediately. Notice of such suspension or termination must state the reasons for such action and advise that the permittee may request a hearing. Such a request for a hearing shall be made in writing within ninety (90) days of the date of the suspension and shall state the grounds for the request. [LRAPA 37-0082-4.B]
- G28. Any hearing requested shall be conducted pursuant to the rules of LRAPA. [LRAPA Title 31]
- G29. The permittee may be required to submit, by April 20 of each year, the emission inventory form provided by LRAPA.

Max/DW/bp [revised 10/24/01, 4/18/06, 3/9/09]

ATTACHMENT A: Air Pollution Emergencies

Table I

AIR POLLUTION EPISODE: **ALERT CONDITION**

EMISSION REDUCTION PLAN

Part A: Pollution Episode Conditions for Carbon Monoxide or Ozone

For **Alert Conditions** due to excessive levels of carbon monoxide or ozone, persons operating motor vehicles shall be requested to voluntarily curtail or eliminate all unnecessary operations within the designated **Alert Area**, and public transportation systems shall be requested to provide additional services in accordance with a preplanned strategy.

Part B: Pollution Episode Conditions for Particulate Matter

For **Alert Conditions** resulting from excessive levels of particulate matter, the following measures shall be taken in the designated area:

1. There shall be no open burning by any person of any material.
2. Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of 12 noon and 4 p.m.
3. Persons responsible for the operation of any source of air contaminants listed below shall take all required actions for the **Alert Level**, in accordance with the preplanned strategy:

Source of Contamination	Control Actions — Alert Level
A. Coal, oil, or wood-fired facilities.	<ol style="list-style-type: none"> 1) Utilization of electric generating fuels having low ash and sulfur content. 2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing. 3) Diverting electric power generation to facilities outside of Alert Area.
B. Coal, oil, or wood-fired process steam generating facilities.	<ol style="list-style-type: none"> 1) Utilization of fuel having low ash and sulfur content. 2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing.

Source of Contamination	Control Actions — <i>Alert Level</i>
	3) Substantial reduction of steam load demands consistent with continuing plant operations.
C. Manufacturing industries of the following classifications: - Primary Metals Industries - Petroleum Refining - Chemical Industries - Mineral Processing Indus. - Grain Industries - Paper and Allied Products - Wood Processing Industry	1) Reduction of air contaminants from manufacturing operations by curtailing postponing, or deferring production and all operations. 2) Reduction by deferring trade waste disposal operations which emit solid particle gas vapors or malodorous substance. 3) Reduction of heat load demands for processing. 4) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing or soot blowing.

Table II

AIR POLLUTION EPISODE: *WARNING CONDITIONS*
EMISSION REDUCTION PLAN

Part A: Pollution Episode Conditions for Carbon Monoxide or Ozone

For ***Warning Conditions***, resulting from excessive levels of carbon monoxide or ozone, the following measures shall be taken:

1. Operation of motor vehicles carrying fewer than three (3) persons shall be prohibited within designated areas during specified hours. Exceptions from this provision are:
 - A. Public transportation and emergency vehicles
 - B. Commercial vehicles
 - C. Through traffic remaining on Interstate or primary highways.
2. At the discretion of the Agency, operations of all private vehicles within designated areas or entry of vehicles into designated areas may be prohibited for specified periods of time.
3. Public transportation operators shall, in accordance with a pre-planned strategy, provide the maximum possible additional service to minimize the public's inconvenience as a result of No. 1 or No. 2. above.
4. For ozone episodes the following additional measures shall be taken:
 - A. No bulk transfer of gasoline without vapor recovery from 2:00 a.m. to 2:00 p.m.
 - B. No service station pumping of gasoline from 2:00 a.m. to 2:00 p.m.
 - C. No operation of paper coating plants from 2:00 a.m. to 2:00 p.m.
 - D. No architectural painting or auto finishing;
 - E. No venting of dry cleaning solvents from 2:00 a.m. to 2:00 p.m. (except perchloroethylene).
5. Where appropriate for carbon monoxide episodes during the heating season, and where legal authority exists, governmental agencies shall prohibit all use of wood stoves and fireplaces for domestic space heating, except where such devices provide the sole source of heat.

Part B: Pollution Episode Conditions for Particulate Matter

For ***Warning Conditions*** resulting from excessive levels of particulate matter, the following measures shall be taken:

1. There shall be no open burning by any person of any material.
2. The use of incinerators for the disposal of solid or liquid wastes shall be prohibited.
3. Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of 12 noon and 4 p.m.
4. Where legal authority exists, governmental agencies shall prohibit all use of wood stoves and fireplaces for domestic space heating, except where such devices provide the sole source of heat.

5. Persons responsible for the operation of any source of air contaminants listed below shall take all required actions for the **Warning Level**, in accordance with a preplanned strategy:

Source of Contamination	Control Actions — Warning Level
<p>A. Coal, oil, or wood-fired electric power generating facilities.</p>	<ol style="list-style-type: none"> 1) Maximum utilization of fuels having lowest ash and sulfur content. 2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing. 3) Diverting electric power generation to facilities outside of Warning Area. 4) Prepare to use a plan of action if an Emergency Condition develops. 5) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.
<p>B. Coal, oil, or wood-fired process steam generating facilities.</p>	<ol style="list-style-type: none"> 1) Maximum utilization of fuels having the lowest ash and sulfur content. 2) Utilization of mid-day (12: 00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing. 3) Prepare to use a plan of action if an Emergency Condition develops. 4) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.
<p>C. Manufacturing industries which require considerable lead time for shut-down including the following classifications:</p> <ul style="list-style-type: none"> - Petroleum Refining - Chemical Industries - Primary Metals Industries - Glass Industries - Paper and Allied Products 	<ol style="list-style-type: none"> 1) Reduction of air contaminants from manufacturing operations by, if necessary, assuming reasonable economic hardships by postponing production and allied operations. 2) Reduction by deferring trade waste disposal operations which emit solid particles, gases, vapors or malodorous substances. 3) Maximum reduction of heat load demands for processing. 4) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence of boiler lancing or soot blowing.

Source of Contamination	Control Actions — <i>Warning Level</i>
D. Manufacturing industries which require relatively short time for shut-down.	<ol style="list-style-type: none">1) Elimination of air contaminants from manufacturing operations by ceasing, allied operations to the extent possible without causing injury to persons or damage to equipment.2) Elimination of air contaminants from trade waste disposal processes which emit solid particles, gases, vapors, or malodorous substances.3) Reduction of heat load demands for processing.4) Utilization of mid-day (12 noon to 4 p.m.) atmospheric turbulence for boiler lancing or soot blowing.

Table III

AIR POLLUTION EPISODE: *EMERGENCY CONDITIONS*

EMISSION REDUCTION PLAN

1. There shall be no open burning by any person of any material.
2. The use of incinerators for the disposal of solid or liquid wastes shall be prohibited.
3. All places of employment, commerce, trade, public gatherings, government, industry, business, or manufacture shall immediately cease operation, except the following:
 - A. Police, fire, medical and other emergency services;
 - B. Utility and communication services;
 - C. Governmental functions necessary for civil control and safety;
 - D. Operations necessary to prevent injury to persons or serious damage to equipment or property;
 - E. Food stores, drug stores and operations necessary for their supply;
 - F. Operations necessary for evacuation of persons leaving the area;
 - G. Operations conducted in accordance with an approved preplanned emission reduction plan on file with the Agency.
4. All commercial and manufacturing establishments not included in these rules shall institute such actions as will result in maximum reduction of air contaminants from their operations which emit air contaminants, to the extent possible without causing injury or damage to equipment.
5. The use of motor vehicles is prohibited except for the exempted functions in 3, above.
6. Airports shall be closed to all except emergency air traffic.
7. Where legal authority exists, governmental agencies shall prohibit all use of wood stoves and fireplaces.
8. Any person responsible for the operation of a source of atmospheric contamination listed below shall take all required control actions for this ***Emergency Level***.

Source of Contamination	Control Actions — <i>Emergency Level</i>
A. Coal, oil, or wood-fired electric power generating facilities.	1) Maximum utilization of fuels having lowest ash and sulfur content.
	2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing or soot blowing.

Source of Contamination	Control Actions — <i>Emergency Level</i>
	<ol style="list-style-type: none"> 3) Diverting electric power generation to facilities outside of Emergency area. 4) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.
<p>B. Coal, oil, or wood-fired steam generating facilities.</p>	<ol style="list-style-type: none"> 1) Reducing heat and steam process demands to absolute necessities consistent with preventing equipment damage. 2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing. 3) Taking the action called for in the emergency plan. 4) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.
<p>C. Manufacturing industries of the following classifications:</p> <ul style="list-style-type: none"> - Primary Metals Industry - Petroleum Refining Operations - Chemical Industries - Mineral Processing Industries - Paper and Allied Products - Grain Industry - Wood Processing Industry 	<ol style="list-style-type: none"> 1) The elimination of air of contaminants from manufacturing operations by ceasing, curtailing, postponing or deferring production and allied operations to the extent possible without causing injury to persons or damage to equipment. 2) Elimination of air contaminants from trade waste disposal processes which emit solid particles, gases, vapors, or malodorous substances. 3) Maximum reduction of heat load demands for processing. 4) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing or soot blowing.