



# LANE REGIONAL AIR PROTECTION AGENCY

1010 Main Street, Springfield, Oregon 97477  
(541) 736-1056

## STANDARD AIR CONTAMINANT DISCHARGE PERMIT (Standard ACDP)

Issued in accordance with provisions of Title 37, Lane Regional Air Protection Agency's Rules and Regulations, and based on the land use compatibility findings included in the permit record.

Issued To:  
**Stella-Jones Corporation**  
90049 Highway 99 North  
Eugene, Oregon 97402

Information Relied Upon:  
Application Number: 71725  
Date Received: May 14, 2025

Facility Location:  
90049 Highway 99 North  
Eugene, Oregon 97402

Land Use Compatibility Statement:  
From: City of Eugene  
Dated: February 27, 1998

Permit Number: 205108  
Permit Type: Standard  
Primary SIC: 2491 – Wood Preserving  
Secondary SIC: NA  
Issuance Date: December 3, 2025  
Expiration Date: December 3, 2030

Travis Knudsen, Executive Director

December 3, 2025

Effective Date

Source(s) Permitted to Discharge Air Contaminants (LRAPA 37-8010):

Title 37 Table 1 Code	Source Description
Part B: 73	Wood preserving
Part C: 3	All sources electing to maintain the source's netting basis

**LIST OF ABBREVIATIONS THAT MAY BE USED IN THIS PERMIT**

ACDP	Air Contaminant Discharge Permit	MMCF	Million cubic feet
AQMA	Air Quality Management Area	NA	Not applicable
ACS	Applied coating solids	NESHAP	National Emission Standards for Hazardous Air Pollutants
Act	Federal Clean Air Act	NOx	Nitrogen oxides
ASTM	American Society of Testing and Materials	NSPS	New Source Performance Standards
BDT	Bone dry ton	NSR	New Source Review
Btu	British thermal unit	O <sub>2</sub>	Oxygen
CAM	Compliance Assurance Monitoring	OAR	Oregon Administrative Rules
CAO	Cleaner Air Oregon	ODEQ	Oregon Department of Environmental Quality
CD ID	Control device identifier	OPR	Operation
CEMS	Continuous Emissions Monitoring System	ORS	Oregon Revised Statutes
CFR	Code of Federal Regulations	O&M	Operation and maintenance
CI	Compression Ignition	SB	Lead
CMS	Continuous Monitoring System	PCD	Pollution Control Device
CO	Carbon Monoxide	PM	Particulate matter
CO <sub>2</sub>	Carbon dioxide	PM <sub>2.5</sub>	Particulate matter less than 2.5 microns in size
CO <sub>2e</sub>	Carbon dioxide equivalent	PM <sub>10</sub>	Particulate matter less than 10 microns in size
COMS	Continuous Opacity Monitoring System	ppm	Parts per million
CPDS	Certified Product Data Sheet	PSEL	Plant Site Emission Limit
CPMS	Continuous parameter monitoring system	psia	pounds per square inch, actual
DEQ	Department of Environmental Quality	PTE	Potential to Emit
dscf	Dry standard cubic feet	QIP	Quality Improvement Plan
EF	Emission factor	RICE	Reciprocating Internal Combustion Engine
EPA	US Environmental Protection Agency	SACC	Semi-Annual Compliance Certification
EU	Emissions Unit	SCEMP	Surrogate Compliance Emissions Monitoring Parameter
EU ID	Emission unit identifier	Scf	Standard cubic foot
FCAA	Federal Clean Air Act	SDS	Safety data sheet
ft <sup>2</sup>	Square foot	SER	Significant emission rate
FSA	Fuel sampling and analysis	SERP	Source emissions reduction plan
gal	Gallon	SI	Spark Ignition
GHG	Greenhouse Gas	SIC	Standard Industrial Code
gr/dscf	Grain per dry standard cubic feet (1 pound = 7000 grains)	SIP	State Implementation Plan
HAP	Hazardous Air Pollutants as defined by LRAPA title 12	SO <sub>2</sub>	Sulfur dioxide
HCFC	Halogenated Chlorofluorocarbons	ST	Source test
Hr	Hour	TAC	Toxic air contaminant
ID	Identification number or label	TACT	Typically Achievable Control Technology
I&M	Inspection and maintenance	TEU	Toxic Emission Unit
Lb	Pound	TPY	Tons per year
LRAPA	Lane Regional Air Protection Agency	VE	Visible emissions
MACT	Maximum Achievable Control Technology	VMT	Vehicle miles traveled
MBF	Thousand board feet	VOC	Volatile organic compounds
MERV	Minimum efficiency reporting values	Year	A period consisting of any 12-consecutive calendar month
MFHAP	Metal fabrication or finishing metal hazardous air pollutants		
MM	Million		
MMBtu	Million British thermal units		

### **Permitted Activities**

1. Until this permit expires or is revoked, the permittee is herewith allowed to discharge air 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). The permittee is also allowed to discharge air contaminants from the following:
  - 1.a. Any categorically insignificant activities, as defined in LRAPA title 12, at the source; and
  - 1.b. Construction or modification changes that are Type 1 or Type 2 changes under LRAPA 34-035 in accordance with LRAPA 34-010 and 34-035 through 34-038.

### **Emission Unit Description**

2. Emission units regulated by this permit are the following:

<b>Emission Unit ID</b>	<b>Description</b>	<b>Pollution Control Device (PCD ID)</b>	<b>Installed / Last Modified</b>
EU-1	Oil-based Wood Preserving including: <ul style="list-style-type: none"> <li>• 4 Retorts</li> <li>• Storage and Work Tanks</li> <li>• Cooling Tower</li> <li>• Fugitive Sources</li> </ul>	1 Fiber Bed/Coalescing Filter 2 Candle Filters	Retort 1 - 1994 Retort 2 - 1994 Retort 3 - 1995 Retort 4 - 1996
EU-2	Evaporator System	None	2024
B-1	Backup Boiler (14.7 MMBtu/hr) – Gas-Fired with No. 2 Fuel Oil Backup	None	1995
B-2	Primary Boiler (16.8 MMBtu/hr) – Gas-Fired Only	None	2023
AIA	Aggregate Insignificant Activities – Unpaved Roads	Water application	NA

### **Plant Site Emission Limits (PSELs)**

3. Total emissions from all sources located at the facility must not exceed the PSELs listed below. Each PSEL applies to any 12 consecutive calendar month period. [LRAPA 42-0041(3) and 42-0080(3)]

<b>Pollutant</b>	<b>PSEL (tons/year)</b>
PM	1.0
PM <sub>10</sub>	1.0
PM <sub>2.5</sub>	1.0
CO	13
NO <sub>x</sub>	11
VOC	7.4
GHG (CO <sub>2</sub> eq)	15,906

4. 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. [LRAPA 42-0080]

### **PSEL Monitoring and Compliance**

5. By the 15<sup>th</sup> day of each month, the permittee must determine compliance with the previous consecutive 12 calendar month PSELs. Compliance with the PSELs are determined for each consecutive 12-month period based on the following calculation for each pollutant: [LRAPA 34-016 and 42-0080(4)(c)]

$$E = AIA + EE + \sum_{i=1}^{12} \frac{EF \cdot P_n}{2000}$$

Where:

E = Emissions in tons per year for a given regulated pollutant;

AIA = 1 ton PM/PM<sub>10</sub>/PM<sub>2.5</sub> for any consecutive 12 calendar month period for any aggregate insignificant activities in EU-AIA;

EE = Any excess emissions, by pollutant, in tons per year;

Σ = Symbol representing “summation of”;

i = Month, beginning with the most recent, summing for 12 preceding, consecutive calendar months;

EF = Pollutant emission factor in Condition 6; and

P = Process production or time of operation, in units compatible with the emission factor; and

n = A given process that emits the same regulated pollutant

6. The permittee must use the following emission factors for calculating pollutant emissions, unless alternative emission factors are approved by LRAPA. The permittee may request the use of alternative emission factors provided they are based on actual test data or other documentation (e.g., AP-42 compilation of emission factors). The use of alternative emission factors is not allowed until the alternative emission factors have been reviewed and approved by LRAPA using procedures in title 34 and/or title 37, as appropriate. [LRAPA 34-016(1) and 42-0080(4)(c)]

EU ID	Emission Unit	Pollutant	Emission Factor	Units
EU-1	Wood Treatment	VOC	2.24E-3	Lb/cubic feet
EU-2	Evaporator System	VOC	0.02	Lb/hour
B-1 B-2	Boilers – Natural Gas	NO <sub>x</sub>	100	Lb/MMCF
		CO	84	Lb/MMCF
		VOC	5.5	Lb/MMCF
		GHG (CO <sub>2</sub> eq.)	117	Lb/MMBtu
B-1	Boiler – No. 2 Fuel Oil (backup)	NO <sub>x</sub>	20	Lb/1000 gallons
		CO	5	Lb/1000 gallons
		VOC	0.2	Lb/1000 gallons
		GHG (CO <sub>2</sub> eq.)	164	Lb/MMBtu

### **Production Limitations**

7. The permittee must not treat more than 6,000,000 cubic feet of product for each 12-month rolling period or exceed 2,400 charges for each 12-month rolling period. [LRAPA 34-016 and 42-0080]
8. The permittee must not allow more than two (2) retort door openings in any 60-minute period. [LRAPA 32-007]

### **General Emission Limitations**

9. The permittee must not cause, suffer, allow or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired or demolished; or any equipment to be operated, without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions must include, but are not limited to the following: [LRAPA 48-015(1)]

- 9.a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
  - 9.b. Application of water or other suitable chemicals on unpaved roads, materials stockpiles, and other surfaces which can create airborne dusts;
  - 9.c. Full or partial enclosure of materials stockpiles in cases where application of water or other suitable chemicals is not sufficient to prevent particulate matter from becoming airborne;
  - 9.d. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials;
  - 9.e. Adequate containment during sandblasting or other similar operations;
  - 9.f. The covering of moving, open bodied trucks transporting materials likely to become airborne;
  - 9.g. The prompt removal from paved streets of earth or other material which does or may become airborne.
10. The permittee must demonstrate compliance with Condition 9 by conducting a fugitive emissions survey. At least quarterly for a minimum period of 30 minutes, the permittee must visually survey the facility using EPA Method 22 for any sources of fugitive emissions. For purposes of this condition, fugitive emissions are visible emissions that leave the plant site boundary for a period or periods totaling more than 18 seconds in a six-minute period. The person conducting EPA Method 22 does not have to be EPA Method 9 certified. However, the individual conducting EPA Method 22 should be familiar with the procedures of EPA Method 9, including using the proper location to observe visible emissions. [LRAPA 34-016(1) and LRAPA 48-015(2)&(3)]
  - 10.a. If sources of fugitive emissions are identified that leave the plant site boundary for a period or periods totaling more than 18 seconds in a six-minute period, the permittee must immediately take corrective action to minimize the fugitive emissions, including but not limited to those actions identified in Condition 9. After taking corrective action, the permittee must conduct another fugitive emissions survey using EPA Method 22 within 24 hours of the previous fugitive emissions survey.
  - 10.b. If the fugitive emissions survey performed within 24 hours of the previous fugitive emissions survey detects visible emissions that leave the plant site boundary for a period or periods totaling more than 18 seconds in a six-minute period, the permittee must immediately notify LRAPA. LRAPA may require the facility to develop and implement a Fugitive Emission Control Plan to prevent any visible emissions from leaving the plant site boundary.
11. The permittee must not emit or allow to be emitted any visible emissions from EU-1 or EU-2 that equal or exceed an average of 20 percent opacity. When visual determination of opacity is required, the opacity must be measured as a six-minute block average using EPA Method 9. [LRAPA 32-010(2)&(3)]
12. The permittee must not cause, suffer, allow, or permit particulate matter emissions from B-1 in excess of the following limit: 0.14 grains per dry standard cubic foot, for sources installed, constructed or modified on or after June 1, 1970 but prior to April 16, 2015 for which there are no representative compliance source test results. [LRAPA 32-030(1)(b)]
13. The permittee must not cause, suffer, allow, or permit particulate matter emissions from B-2 in excess of the following limit: 0.10 grains per dry standard cubic foot, sources installed, constructed or modified after April 16, 2015. [LRAPA 32-030(2)]
14. For Emission Unit EU-1, the permittee must not cause, suffer, allow, or permit the emissions of particulate matter in any one (1) hour from any process in excess of the amount shown in LRAPA 32-8010, for the process weight allocated to such process. [LRAPA 32-045(1)]
15. The permittee must demonstrate compliance with Conditions 11 through 14 by performing a visible emissions survey. At least once quarterly for a minimum period of 30 minutes, the permittee must visually survey the emission points associated with B-1 and B-2 using EPA Method 22 for any sources of visible emissions. For the purposes of this condition, visible emissions requiring action are considered to be any visible emissions that do not result from mobile or fugitive sources and

are not the result of condensed water vapor. The person conducting the EPA Method 22 does not have to be EPA Method 9 certified. However, the individual conducting the EPA Method 22 should be familiar with the procedures of EPA Method 9, including using the proper location to observe visible emissions. [LRAPA 34-016(1)]

- 15.a. If visible emissions are observed using EPA Method 22, the permittee must take corrective action to eliminate the visible emissions within one (1) hour of finishing the visible emissions survey. After taking corrective action to eliminate the visible emissions, the permittee must conduct another visible emissions survey using EPA Method 22 within 24 hours of the previous visible emissions survey.
  - 15.b. If the visible emissions survey performed within 24 hours of the previous visible emissions survey detects visible emissions from the same source(s), the permittee is required to perform a Modified EPA Method 9 on the source(s) of visible emissions. If the results of the Modified EPA Method 9 are in compliance with Condition 11, no further action is required beyond the recordkeeping required in Condition 16. If the results of EPA Method 9 are not in compliance with Condition 11, the permittee must immediately contact LRAPA. [LRAPA 34-016(1)]
  - 15.c. If the permittee is unable to conduct a test due to visual interferences caused by other visible emissions sources (e.g., fugitive emissions during high wind conditions) or due to weather conditions (e.g., fog, heavy rain, or snow), the permittee must note such conditions on the visible emissions survey sheet for that process or emission point. The permittee must attempt to conduct EPA Method 22 or EPA Method 9 tests daily until a valid visible emissions survey is completed.
16. The permittee must keep documentation of all fugitive and visible emissions surveys required by Conditions 10 and 15, respectively. For all corrective actions taken, the permittee must record the date, time, person or entity performing the corrective action, and the corrective actions taken, as applicable. [LRAPA 34-016(1)]
  17. For Emission Unit EU-1 and EU-2, the permittee must prepare and update, as necessary, an Operation and Maintenance Plan (O&M Plan). The O&M Plan must include requirements for the proper operation and maintenance of all control devices and emission reduction processes at the facility, including but not limited to the fiber bed filters. The permittee must submit a copy of the O&M Plan to LRAPA for review upon request. If LRAPA determines the O&M Plan is deficient, LRAPA may require the permittee to amend the plan. For each emission control device, the O&M Plan must, at a minimum, identify the frequency of inspections and procedures for documenting each inspection. Documentation of each inspection must include the date and time of each inspection, the person or entity performing the inspection, identification of the equipment inspected, the results of each inspection, and any actions taken if repairs or maintenance are necessary. [LRAPA 32-007(1)(b)]

#### **Conditions Specific to Emission Units B-1 and B-2**

##### ***Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (NSPS) – 40 CFR 60 Subpart Dc***

18. For Emission Unit B-1, the permittee must combust oil that contains no more than 0.5 weight percent sulfur. [LRAPA 46-535(3)(e), LRAPA 32-065(2)(b), and 40 CFR 60.42c(d)]
19. For Emission Unit B-1, the permittee must demonstrate compliance with the fuel oil sulfur limits in Condition 18 based on a certification from the fuel supplier as described in Condition 20. [LRAPA 46-535(3)(e), LRAPA 32-065(2)(b), and 40 CFR 60.42c(h)(1)]
20. For Emission Unit B-1, fuel supplier certification must include the following information: [LRAPA 46-535(3)(e) and 40 CFR 60.48c(f)(1)]
  - 20.a. For distillate oil:

- 20.a.i. The name of the oil supplier;
  - 20.a.ii. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; and
  - 20.a.iii. The sulfur content or maximum sulfur content of the oil.
21. For Emission Unit B-1, the permittee must keep records and submit reports to LRAPA, which includes the following information: [LRAPA 46-535(3)(e) and 40 CFR 60.48c(e)]
- 21.a. Calendar dates covered in the reporting period. [LRAPA 46-535(3)(e) and 40 CFR 60.48c(e)(1)]
  - 21.b. Records of fuel supplier certification as described in Condition 20. In addition to records of fuel supplier certifications, the report must include a certified statement signed by the permittee that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period. [LRAPA 46-535(3)(e) and 40 CFR 60.48c(e)(11)]
22. For Emission Unit B-1, the reporting period for reports required under Condition 21 is each six month period January 1 to June 30 and July 1 to December 31. All reports must be submitted to LRAPA and must be postmarked by the 45<sup>th</sup> day following the end of the reporting period. [LRAPA 46-535(3)(e), 40 CFR 60.19(c) and 40 CFR 60.48c(j)]
23. For Emission Units B-1 and B-2, the permittee must record and maintain records of the amount of each fuel combusted by each boiler during each calendar month. [LRAPA 46-535(3)(e) and 40 CFR 60.48c(g)(2)]
24. The permittee must keep and maintain records of the total number of hours that Emission Unit B-1 combusts fuel oil each month. [LRAPA 34-016(1)]
25. All records required under Conditions 18 through 23 must be maintained by the permittee for a period of two years following the date of such record. [LRAPA 46-535(3)(e) and 40 CFR 60.48c(i)]
- National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boiler Area Sources – 40 CFR 63 Subpart JJJJJJ (6J)***
26. The permittee must only combust fuel oil in Emission Unit B-1 during periods of gas curtailment, gas supply interruption, startups, or for periodic testing, maintenance, or operator training. Periodic testing, maintenance, or operator training on fuel oil must not exceed a combined total of 48 hours during any calendar year. [LRAPA 44-150(5)(jjjjj) and 40 CFR 63.11237]
- National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources – 40 CFR 63 Subpart QQQQQQ (6Q)***
27. The permittee must keep and maintain records that document that the facility does not use any wood preservative containing chromium, arsenic, dioxins, or methylene chloride. [LRAPA 44-150(5)(ppppp) and 40 CFR 63.11430]

**Monitoring and Recordkeeping Requirements**

28. The permittee must keep and maintain records for a period of at least five (5) years from the date of entry of the following information: [LRAPA 34-016(1)&(5) and 42-0080(3)]

Activity	Units	Minimum Recording Frequency
<b>PSEL and Production Limitation Recordkeeping</b>		
Production of treated wood.	Cubic feet	Monthly and 12-month rolling

Activity	Units	Minimum Recording Frequency
Date and time of retort door openings.	NA	Per Opening
Number of retort charges.	NA	Monthly and 12-month rolling
Name, type and quantity used for all chemicals used in the wood treatment process.	NA	Annually
Current Safety Data Sheet, or equivalent material content certification, for all chemicals used in the wood treatment process	NA	Annually
The amount of natural gas combusted by each boiler.	Therms or MMCF	Monthly
The amount of fuel oil combusted by Emission Unit B-1 according to Condition 19.	Gallons	Monthly
Hours of operation of Emission Unit EU-2, Evaporator System.	Hours	Monthly and 12-month rolling
<b>General Recordkeeping</b>		
Log of nuisance complaints according to Condition G11.	NA	Upon receipt of complaint
Documentation of all fugitive emission surveys and corrective actions, as applicable, according to Condition 16.	NA	Quarterly
Documentation of all visible emission surveys and corrective actions, as applicable, according to Condition 16.	NA	Quarterly
Operation and Maintenance Plan according to Condition 17.	NA	Maintain the current version on-site
Upset Log of all planned and unplanned excess emissions, as required by Condition G15.	NA	Per occurrence
<b>40 CFR 60 Subpart Dc Recordkeeping</b>		
The amount of natural gas combusted by each boiler.	Therms or MMCF	Monthly
The amount of fuel oil combusted by Emission Unit B-1.	Gallons	Monthly
Fuel oil supplier certifications for Emission Unit B-1.	NA	Each delivery of fuel oil
<b>40 CFR 63 Subpart 6J Recordkeeping</b>		
Total monthly and calendar year hours that the Emission Unit B-1 combusted fuel oil.	Hours	Monthly and calendar year
<b>40 CFR 63 Subpart 6Q Recordkeeping</b>		
Documentation that each wood preservative used does not use any chromium, arsenic, dioxins, or methylene chloride.	NA	Maintain the current version on-site

### **Reporting Requirements**

29. The facility must submit to LRAPA the following reports by no later than the dates indicated in the table below: [LRAPA 34-016(2) and 42-0080(5)]

Report	Reporting Period	Due Date
Semiannual fuel oil report as required by 40 CFR 60 subpart Dc for Emission Unit B-1, according to conditions 21 and 22.	Semiannual	Postmarked by February 15, August 15
Log of all excess emissions which occurred during the reporting period, according to Condition G14.	Annual	February 15
PSEL pollutant emissions as calculated according to Conditions 5 and 6, including supporting calculations and emission unit	Annual	February 15



Report	Reporting Period	Due Date
throughputs.		
Name, type and quantity used for all chemicals used in the wood treatment process.	Annual	February 15
Hours of operation of Emission Unit EU-2, Evaporator System.	Annual	February 15
GHG Report, if required by Condition 30.	Annual	March 31

30. The permittee must register and report in compliance with Chapter 340, Division 215 of the Oregon Administrative Rules, if the source's direct greenhouse gas emissions meet or exceed 2,500 metric tons CO<sub>2</sub>e during the previous year. Once a source's direct greenhouse gas emissions meet or exceed 2,500 metric tons CO<sub>2</sub>e during a year, the permittee must annually register and report in each subsequent year, regardless of the amount of the source's direct GHG emissions in future years, except as provided in OAR 340-215-0032 and OAR 340-215-0034. Air contamination sources required to register and report under OAR 340-215-0030(2) must register and submit annual emissions data reports to LRAPA under OAR 340-215-0044 by the due date for the annual report for non-greenhouse gas emissions specified in Condition 29, or by March 31 of each year, whichever is later. [LRAPA 34-016, OAR 340-215-0030(2) and 340-340-215-0046(1)(a)]
31. Unless otherwise specified, all reports, test results, notifications, etc., required by the above terms and conditions must be reported to the following office: [LRAPA 34-016]

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

### **Outdoor Burning**

32. Commercial and industrial outdoor burning is prohibited inside the Eugene and Springfield Urban Growth boundaries. Commercial and industrial outdoor burning is prohibited elsewhere, unless authorized pursuant to LRAPA 47-020. [LRAPA 47-015(4)&(5)]

### **Fee Schedule**

33. In accordance with adopted regulations, the permittee will be invoiced for the annual permit fees on October 1<sup>st</sup>, with fees due December 1<sup>st</sup> of each year. [LRAPA 37-8020 Table 2]

## **GENERAL PERMIT CONDITIONS**

### General Conditions and Disclaimers

- G1. A copy of this Air Contaminant Discharge Permit (ACDP) must be available on site for inspection upon request. [LRAPA 37-0020(3)]
- G2. The permittee must allow the Director or their authorized representatives to enter, during operation hours, any property, premises, or place for the purpose of investigating either an actual or suspected air contaminant source or to ascertain compliance or noncompliance with these rules or any issued order. The Director or their authorized representatives must also have access to any pertinent records relating to such property, including but not limited to blueprints, operation and maintenance records and logs, operating rules and procedures. [ORS 468.095 and 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 must not cause or permit the deposition of any particulate matter which is larger than 250 microns in size at sufficient duration and quantity, as to create an observable deposition upon the real property of another person. [LRAPA 32-055]
- G5. The permittee must not discharge from any source whatsoever such quantities of air contamination which cause injury or damage to any persons, the public, business or property. Such determination to be made by LRAPA. [LRAPA 32-090(1)]
- G6. The permittee must 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 must 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 32-050(1)]
- G8. The permittee must 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 32-050(2)]
- G9. The permittee must 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(1)]
- G10. The permittee may not cause or allow air contaminants from any source subject to regulation by LRAPA to cause a nuisance. [LRAPA 49-010(1)]
- G11. To demonstrate compliance with Conditions G4 through G10, the permittee must provide LRAPA with written notification within five (5) days of all complaints received by the permittee during the operation of the facility and maintain a log of each complaint received by the permittee during the operation of the facility. Documentation must include date of contact, time of observed complaint condition, description of complaint condition, location of complainant, status of plant operation during the observed period, and time of response to complainant. The permittee must

immediately (within one (1) hour during normal business hours) investigate the condition following the receipt of the complaint and the permittee must provide a response to the complainant within 24 hours, if possible, but no later than five (5) business days. [LRAPA 34-016(1)]

Excess Emissions: General Policy

- G12. Emissions of air contaminants in excess of applicable standards or permit conditions are unauthorized and are subject to enforcement action. section 36-001 through 36-030 apply to any permittee operating a source which emits air contaminants in excess of any applicable air quality rule or permit condition, including but not limited to excess emissions resulting from the breakdown of air pollution control devices or operating equipment, process upset, startup, shutdown, or scheduled maintenance. Sources that do not emit air contaminants in excess of any applicable rule or permit condition are not subject to the recordkeeping and reporting requirements in title 36. Emissions in excess of applicable standards are not excess emissions if the standard is in an NSPS or NESHAP and the NSPS or NESHAP exempts startups, shutdowns and malfunctions as defined in the applicable NSPS or NESHAP. [LRAPA 36-001(1)]

Excess Emissions: Notification and Record-keeping

- G13. This condition applies to all excess emissions not addressed in sections 36-010 and 36-015. [LRAPA 36-020(1)]
- a. The permittee, of a small source, as defined by subsection 36-005(2), need not immediately notify LRAPA of excess emissions events unless otherwise required by permit condition, written notice by LRAPA, or if the excess emission is of a nature that could endanger public health. [LRAPA 36-020(1)(b)]
  - b. Notification must 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 must immediately notify LRAPA by calling the LRAPA Upset/Complaint Line. The current number is (541) 726-1930.
  - c. Follow-up reporting, if required by LRAPA, must contain all information required by Condition G16.
- G14. At each annual reporting period specified in this permit, or sooner if required by LRAPA, the permittee must submit a copy of the excess emission log entries for the reporting period, as required by Condition G16. [LRAPA 36-025(4)(a)]
- G15. Any excess emissions which could endanger public health or safety must immediately be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.
- G16. The permittee must keep an excess emissions log of all planned and unplanned excess emissions. The excess emissions log must include the following: [LRAPA 36-025(3) and 36-025(1)]
- a. The date and time of the beginning of the excess emission event and the duration or best estimate of the time until return to normal operation;
  - b. The date and time the permittee notified LRAPA of the event;
  - c. The equipment involved;
  - d. Whether the event occurred during startup, shutdown, maintenance, or as a result of a breakdown, malfunction, or emergency;
  - e. Steps taken to mitigate emissions and corrective actions taken;

- f. The magnitude and duration of each occurrence of excess emissions during the course of an event and the increase over normal rates or concentrations as determined by continuous monitoring or a best estimate, supported by operating data and calculations;
- g. The final resolution of the cause of the excess emissions; and
- h. Where applicable, evidence supporting any claim that emissions in excess of technology-based limits were due to an emergency pursuant to section 36-040.

Excess emissions logs must be kept by the permittee for five (5) calendar years. [LRAPA 36-025(3)]

Excess Emissions: Ongoing Excess Emissions

- G17. If there is an ongoing excess emission caused by an upset or breakdown, the owner or operator must immediately take action to minimize emissions to the greatest extent practicable by reducing or ceasing operation of the equipment or facility, unless doing so could result in physical damage to the equipment or facility, cause injury to employees, or result in higher emissions associated with shutdown and subsequent start up than those emissions resulting from continued operation. The owner or operator may:
- a. Cease operation of the equipment or facility within eight (8) hours of the beginning of the period of excess emissions;
  - b. Request to continue operation by submitting to LRAPA a written request to continue operation within eight (8) hours of the beginning of the period of excess emissions;
  - c. Continue operation only if approved by LRAPA in accordance with LRAPA 36-020(3). Otherwise, the owner or operator must cease operation within one (1) hour of receiving LRAPA's disapproval of continued operation.

Excess Emissions: Scheduled Maintenance

- G18. If the permittee anticipates that scheduled maintenance of air contaminant sources or air pollution control devices may result in excess emissions, the permittee must obtain prior LRAPA authorization of procedures that will be used to minimize excess emissions. Application for approval of procedures associated with the scheduled maintenance must be submitted and received by LRAPA in writing at least seventy-two (72) hours prior to the event. The application must include the following: [LRAPA 36-015(1)]
- a. The reasons explaining the need for maintenance, including but not limited to: why the maintenance activity is necessary; why it would be impractical to shut down the source operation during the maintenance activity; if applicable, why air pollution control devices must be by-passed or operated at reduced efficiency during the maintenance activity; and why the excess emissions 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 device or system to be maintained;
  - c. Identification of the 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 at all times during the scheduled maintenance.

- G19. LRAPA will approve the procedures if it determines that they are consistent with good pollution control practices, will minimize emissions during such period to the extent practicable, and that no adverse health impact on the public will occur. The permittee must record all excess emissions in the excess emissions log as required in Condition G16. Approval of the procedures in Condition G18 does not shield the permittee from an enforcement action, but LRAPA will consider whether the procedures were followed in determining whether an enforcement action is appropriate. [LRAPA 36-015(2)]
- G20. No scheduled maintenance associated with the approved procedures in Condition G19 that is likely to result in excess emissions may occur during any period in which an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency has been declared, or during an announced yellow or red woodstove advisory period, in areas determined by LRAPA as PM<sub>2.5</sub> or PM<sub>10</sub> nonattainment areas. [LRAPA 36-015(6)]
- G21. In cases where LRAPA has not received notification of scheduled maintenance that is likely to cause excess emissions within the required 72 hours prior to the event according to Condition G17, or where such approval has not been waived pursuant to subsection 36-015(3), the permittee must immediately notify LRAPA by telephone of the situation, and must be subject to the requirements of Conditions G14 and G16. [LRAPA 36-015(7)]

#### Air Pollution Emergencies

- G22. The permittee must, upon declaration of an air pollution alert, air pollution warning, or air pollution emergency, take all emission reduction measures specified in Tables I, II, and III of title 51, included in this permit as Attachment A. Permittees responsible for a source of air contamination within a Priority I AQCR must, upon declaration of an episode condition affecting the locality of the air contamination source, take all appropriate actions specified in the applicable table and must take all appropriate actions specified in an LRAPA-approved preplanned abatement strategy for such condition which has been submitted and is on file with LRAPA. [LRAPA 51-015]

#### Notification of Construction/Modification

- G23. The permittee must notify LRAPA in writing using an LRAPA "Notice of Intent to Construct" form, or other permit application forms and obtain approval in accordance with section 34-010 and 34-035 through 34-038 before: [LRAPA 34-010]
- a. Constructing, installing or establishing a new stationary source that will cause an increase in regulated pollutant emissions;
  - b. Making any physical change or change in the operation of an existing stationary source that will cause an increase, on an hourly basis at full production, in any regulated pollutant emissions; or
  - c. Constructing or modifying any pollution control equipment.

#### Notification of Name Change

- G24. The permittee must 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. [LRAPA 37-0030(4)]

Applicable administrative fees may be required for the name change application.

Permit Renewal

- G25. Application for renewal of this permit must be submitted not less than 120 days prior to the permit expiration date for Simple ACDPs, and 180 days prior to the permit expiration date for Standard ACDPs. [LRAPA 37-0040(2)(b)]
- G26. A source may not be operated after the expiration date of a permit, unless any of the following occur prior to the expiration date of the permit: [LRAPA 37-0082(1)(a)]
- a. A timely and complete application for renewal or reassignment has been submitted; or
  - b. Another type of permit, ACDP or Title V, has been applied for or issued authorizing the operation of the source.
- G27. For a source operating under an ACDP or LRAPA Title V Operating Permit, a requirement established in an earlier ACDP remains in effect notwithstanding expiration of the ACDP, unless the provision expires by its terms or unless the provision is modified or terminated in accordance with the procedures used to establish the requirement initially. [LRAPA 37-0082(1)(c)]
- G28. Any person who fails to submit any relevant facts or who has submitted incorrect information in a permit application must, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. [LRAPA 37-0040(4)]

Termination Conditions

- G29. This permit terminates upon: [LRAPA 37-0082(2)]
- a. Issuance of a renewal, reassigned ACDP or a new ACDP for the same activity or operation;
  - b. Written request by the permittee to LRAPA requesting termination. If LRAPA determines that a permit is no longer needed, LRAPA will confirm termination in writing to the permittee;
  - c. Failure to submit a timely and complete application for permit renewal or reassignment as required in section 37-0040. Termination is effective on the permit expiration date; or
  - d. Failure to pay annual fees within 90 days of the invoice due date as issued by LRAPA, unless prior arrangements for a payment plan have been approved in writing by LRAPA.
- G30. If LRAPA determines that a permittee is in noncompliance with the terms of the permit, submitted false information in the application or other required documentation, or is in violation of any applicable rule or statute, LRAPA may revoke the permit. LRAPA will provide notice of the intent to revoke the permit to the permittee under title 31. The notice will include the reasons why the permit will be revoked, and include an opportunity for the permittee to request a contested case hearing prior to the revocation. A written request for hearing must be received by LRAPA within 60 days from service of the notice on the permittee, and must state the grounds of the request. The hearing will be conducted as a contested case hearing under ORS 183.413 through 183.470 and title 14. The permit will continue in effect until the 60th day after service of the notice on the permittee, if the permittee does not timely request a hearing, or until a final order is issued if the permittee timely requests a hearing. [LRAPA 37-0082(5)(a)]
- G31. Reinstatement of Terminated Permit [37-0082(4)]
- a. A permit subject to termination under Condition G29.c. may only be reinstated if, not later than 30 days after the permit expiration date, the permittee submits a complete renewal application and pays a late application fee equivalent to the initial new permitting application fee that would apply if the source was a new source, in which case the existing, expired permit will be reinstated effective as of the permit expiration date and will remain in effect until

- final action has been taken on the renewal application to issue or deny a permit;
- b. A permit terminated under Condition G29.d. may only be reinstated if, not later than 90 days after termination, the permittee pays all unpaid annual fees and applicable late fees in which case the existing permit will be reinstated effective on the date of termination; or
  - c. A terminated permit may only be reinstated as provided in Conditions G31.a. and G31.b. If neither Condition G31.a. and G31.b. apply, the former permittee of a terminated permit who wishes to obtain an ACDP must submit a complete application for a new permit, including paying applicable new source permit application fees and any unpaid annual fees and late fees that were due under the terminated permit. Until LRAPA issues or reassigns a new permit, the source may not operate.
- G32. If LRAPA finds there is a serious danger to the public health, safety or the environment caused by a permittee's activities, LRAPA may immediately revoke or refuse to renew the permit without prior notice or opportunity for a hearing. If no advance notice is provided, notification will be provided to the permittee as soon as possible as provided under title 31. The notification will set forth the specific reasons for the revocation or refusal to renew and will provide an opportunity for the permittee to request a contested case hearing for review of the revocation or refusal to renew. A permittee's written request for hearing must be received by LRAPA within 90 days of service of the notice on the permittee and must state the grounds for the request. The hearing will be conducted as a contested case hearing under ORS 183.413 through 183.470 and title 14. The revocation or refusal to renew becomes final without further action by LRAPA if a request for a hearing is not received within 90 days. If a request for a hearing is timely received, the revocation or refusal to renew will remain in place until issuance of a final order. [LRAPA 37-0082(5)(b)]
- G33. Any hearing requested must be conducted pursuant to the rules of LRAPA. [LRAPA title 14]

#### Approval to Construct

- G34. The permittee of a source that receives approval to construct or modify must commence construction within 18 months of approval, or other date approved in writing by LRAPA. [LRAPA 34-037(4)]

Construction or modification approval terminates and is invalid for the following reasons: [LRAPA 34-037(4)(a)]

- A. Construction or modification is not commenced within 18 months after LRAPA issues such approval, by an alternative deadline established by LRAPA under this section, or by the deadline approved by LRAPA in an extension under paragraph G34.b.;
  - B. Construction or modification is discontinued for a period of 18 months or more; or
  - C. Construction or modification is not completed within 18 months of the anticipated date of construction completion included in the application.
- b. The permittee may submit a request to extend the construction or modification commencement deadline by submitting a written, detailed explanation of why the source could not commence construction or modification within the initial 18-month period. LRAPA may grant, for good cause, one 18-month construction or modification approval extension. [LRAPA 34-037(4)(b)]

#### Asbestos

- G35. The permittee must comply with the asbestos abatement requirements in title 43 for all activities involving asbestos-containing materials, including, but not limited to, demolition, renovation,

repair, construction, and maintenance. [LRAPA title 43]

#### Sampling, Testing and Measurement General Requirements

- G36. Testing must be conducted in accordance with the DEQ's Source Sampling Manual, the DEQ's Continuous Monitoring Manual, or an applicable EPA Reference Method unless LRAPA (if allowed under applicable federal requirements): [LRAPA 35-0120(3)]
- a. Specifies or approves minor changes in methodology in specific cases;
  - b. Approves the use of an equivalent or alternative method as defined in title 12;
  - c. Waives the testing requirement because the permittee has satisfied LRAPA that the affected facility is in compliance with applicable requirements; or
  - d. Approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.
- G37. LRAPA must be notified of all source sampling projects that are required by LRAPA, including federal requirements that have been delegated to LRAPA by the Environmental Protection Agency (EPA). Unless specified by rule or by permit condition, LRAPA must receive notification at least 30 days in advance of the source test date. Notification may be submitted electronically or by hardcopy, and be accompanied by a source test plan. In addition, LRAPA must be notified of all source sampling projects that are not required by LRAPA if test results are relied upon in permitting a source, used as evidence in an enforcement case, or used to demonstrate compliance with non-delegated federal requirements. [Source Sampling Manual, Vol. 1, November 2018, Section 2.2]
- G38. A source test plan must be approved by LRAPA in advance of all source sampling projects that are required by LRAPA, including federal requirements delegated to LRAPA by EPA. If not otherwise specified by rule or permit condition, LRAPA must be provided at least 30 days to review and approve source test plans. The source test plan will be reviewed by LRAPA [Source Sampling Manual, Vol. 1, November 2018, Section 2.3]
- G39. For demonstrating compliance with an emission standard, the stack test must successfully demonstrate that a facility is capable of complying with the applicable standard under all normal operating conditions. Therefore, a permittee should conduct the source test while operating under typical worst-case conditions that generate the highest emissions. During the compliance demonstration, new or modified equipment should operate at levels that equal or exceed ninety-percent (90%) of the design capacity. For existing equipment, emission units should operate at levels that equal or exceed ninety-percent (90%) of normal maximum operating rates. Furthermore, the process material(s) and fuel(s) that generate the highest emissions for the pollutant(s) being tested should be used during the testing. Operating requirements for performance tests are often specified by state or federal rule, or by permit condition. [Source Sampling Manual, Vol. 1, November 2018, Section 2.9]
- G40. Unless otherwise required by this permit, the permittee must submit all source test reports electronically. [LRAPA 34-015]

#### Reference Test Methods

- G41. Unless otherwise indicated elsewhere in this permit, whenever emission testing is required, the permittee must use the source sampling methods listed in Appendix B or Appendix C of DEQ's Source Sampling Manual. [Source Sampling Manual, Vol. 1, November 2018]



**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 — <b><i>Alert Level</i></b>
A. Coal, oil, or wood-fired facilities.	<ol style="list-style-type: none"><li>1) Utilization of fuels having low ash and sulfur content.</li><li>2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing.</li><li>3) Diverting electric power generation to facilities outside of <b><i>Alert Area</i></b>.</li></ol>
B. Coal, oil, or wood-fired process steam generating facilities.	<ol style="list-style-type: none"><li>1) Utilization of fuel having low ash and sulfur content.</li><li>2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing.</li><li>3) Substantial reduction of steam load demands consistent with continuing plant operations.</li></ol>

Source of Contamination	Control Actions — <b><i>Alert Level</i></b>
<p>C. Manufacturing industries of the following classifications:</p> <ul style="list-style-type: none"> <li>- Primary Metals Industries</li> <li>- Petroleum Refining</li> <li>- Chemical Industries</li> <li>- Mineral Processing Indus.</li> <li>- Grain Industries</li> <li>- Paper and Allied Products</li> <li>- Wood Processing Industry</li> </ul>	<ol style="list-style-type: none"> <li>1) Reduction of air contaminants from manufacturing operations by curtailing, postponing, or deferring production and all operations.</li> <li>2) Reduction by deferring trade waste disposal operations which emit solid particle gas vapors or malodorous substance.</li> <li>3) Reduction of heat load demands for processing.</li> <li>4) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing or soot blowing.</li> </ol>

**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 — <b>Warning Level</b>
A. Coal, oil, or wood-fired electric power generating facilities.	<ol style="list-style-type: none"> <li>1) Maximum utilization of fuels having lowest ash and sulfur content.</li> <li>2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing.</li> <li>3) Diverting electric power generation to facilities outside of <b>Warning Area</b>.</li> <li>4) Prepare to use a plan of action if an <b>Emergency Condition</b> develops.</li> <li>5) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.</li> </ol>
B. Coal, oil, or wood-fired process steam generating facilities.	<ol style="list-style-type: none"> <li>1) Maximum utilization of fuels having the lowest ash and sulfur content.</li> <li>2) Utilization of mid-day (12: 00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing.</li> <li>3) Prepare to use a plan of action if an <b>Emergency Condition</b> develops.</li> <li>4) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.</li> </ol>

Source of Contamination	Control Actions — <b>Warning Level</b>
C. Manufacturing industries which require considerable lead time for shut-down including the following classifications:  - Petroleum Refining - Chemical Industries - Primary Metals Industries - Glass Industries - Paper and Allied Products	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.
D. Manufacturing industries which require relatively short time for shut-down.	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 — <b><i>Emergency Level</i></b>
A. Coal, oil, or wood-fired electric power generating facilities.	<ol style="list-style-type: none"> <li>1) Maximum utilization of fuels having lowest ash and sulfur content.</li> <li>2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing or soot blowing.</li> <li>3) Diverting electric power generation to facilities outside of Emergency area.</li> <li>4) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.</li> </ol>
B. Coal, oil, or wood-fired steam generating facilities.	<ol style="list-style-type: none"> <li>1) Reducing heat and steam process demands to absolute necessities consistent with preventing equipment damage.</li> <li>2) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing and soot blowing.</li> <li>3) Taking the action called for in the emergency plan.</li> <li>4) Cease operation of facilities not related to safety or protection of equipment or delivery of priority power.</li> </ol>
C. Manufacturing industries of the following classifications: <ul style="list-style-type: none"> <li>- Primary Metals Industry</li> <li>- Petroleum Refining Operations</li> <li>- Chemical Industries</li> <li>- Mineral Processing Industries</li> <li>- Paper and Allied Products</li> <li>- Grain Industry</li> <li>- Wood Processing Industry</li> </ul>	<ol style="list-style-type: none"> <li>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.</li> <li>2) Elimination of air contaminants from trade waste disposal processes which emit solid particles, gases, vapors, or malodorous substances.</li> <li>3) Maximum reduction of heat load demands for processing.</li> <li>4) Utilization of mid-day (12:00 noon to 4:00 p.m.) atmospheric turbulence for boiler lancing or soot blowing.</li> </ol>