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

Application for Air Contaminant Discharge Permit

FORM 1.0 GENERAL PLANT INFORMATION

Facility Name and Division *	LRAPA Permit No.	Year of Data	
Facility Street Address	City and ZIP Code		
Facility Mailing Address	City and ZIP Code		
Facility Contact Person	Title	Phone Number	
Person Authorized to Receive Permits and Invoices	Title	Phone Number	
Mailing Address for Permits and Invoices	City and Zip Code		
Parent Company Name	Contact Person	Phone Number	
Parent Company Mailing Address	City	State	ZIP Code
Product or Principal Activity	Total Annual Production of Finished Product(s)		

The undersigned hereby certifies that they have personally examined and are familiar with the information and statements contained herein and further certifies that they believe the information and statements to be true, accurate and complete. The undersigned also acknowledges that the submission of this document in no way modifies the facility's existing ACDP, and certifies that knowingly making a false statement or misrepresenting the facts presented in this document is a violation of state law.

Name and Title of Person Completing Form	Signature and Date (Please use blue ink)
Name and Title of Authorized Company Representative	Signature and Date (Please use blue ink)

* **The legal name as it is registered with the Oregon Corporations Division.**

FORM 1.1 PROCESS FLOW DIAGRAM AND PLOT PLAN

Facility Name	LRAPA Permit No.	Year of Data

Please use this page or a separate sheet to provide a Process Flow Diagram of your facility that includes all production processes and the equipment associated with them. Be sure to label each process and each piece of equipment used in your facility, and any air pollution control equipment, with an identification number. A detailed plot plan must also be submitted that shows the location of all buildings in the facility, the production processes within each building, and identifies each emission point. The plot plan should also clearly identify what equipment the air pollution devices currently control. If you believe that this data has been submitted in the past year, please indicate the date submitted and sign to verify that no changes have occurred.
BE SURE TO USE THE SAME IDENTIFICATION NUMBERS THROUGHOUT THE ENTIRE APPLICATION FORM.

FORM 1.2 GENERAL EQUIPMENT INFORMATION

Facility Name	LRAPA Permit No.	Year of Data

Please provide the following information for each piece of equipment identified in the Flow Diagram in Form 1.1, using a separate page for each piece of equipment. EXCEPTION: If the equipment is a veneer dryer or boiler, skip this form and use Forms 2.0 and 2.1 (Combustion Equipment and Veneer Dryer Information).

EQUIPMENT DESCRIPTION

SIC Code	Equipment ID No.	Equipment Description	Emission Point No.

Annual Throughput (Pre-processed)	Units	Max. Hourly Design Rate

FOR WOOD PROCESSING UNITS ONLY: Annual Throughput Wood Waste Materials (BDT)	Waste Material(s) Handled

OPERATING SCHEDULE

Operating Hours/Day	Operating Days/Week	Operating Weeks/Year

OPERATING CAPACITY

Jan-Mar (%) _____ Apr-June (%) _____ July-Sep (%) _____ Oct-Dec (%) _____

Duplicate this form as needed.

FORM 1.3 SUMMARY OF EMISSION POINTS

Facility Name	LRAPA Permit No.	Year of Data

In the space provided below, please list all the emission points in the facility according to the emission point identification number assigned in the previous sections (Forms 1.1 and 1.2) and include a brief description of the equipment and/or processes venting to that point.

Emission Point ID Number	SIC Code	Emission Point Description

Duplicate this form as needed.

FORM 1.4 EMISSION POINT INFORMATION

Facility Name	LRAPA Permit No.	Year of Data

EMISSION POINT/STACK PARAMETERS

Emission Point No.	STACK CONFIGURATION (Please check one)

G A stack discharging downward, or nearly downward.

G A stack discharging horizontally, or nearly horizontally.

G A stack with an unobstructed opening discharging vertically, or nearly vertically.

G A vertical stack with a weather cap or similar obstruction in the exhaust stream.

G A building roof vent.

G A process vent, not otherwise classified.

G An equivalent stack representing a combination of multiple actual stacks.

G Fugitive emissions, no stack exists.

Stack Opening Height (Ft Above Ground)	Diameter at Opening (Ft)	Temperature (If airflow is not heated, check Ambient)
		_____ °F **G** AMBIENT

Velocity (Ft/min)	Flow Rate (Actual Cu Ft/Min)

AIR POLLUTION CONTROL EQUIPMENT

Control Device No.	Description of Control Device	Pollutant(s) Controlled	Efficiency (%)

Duplicate this form as needed.

FORM 2.0 COMBUSTION EQUIPMENT INFORMATION

Facility Name	LRAPA Permit No.	Year of Data

COMBUSTION EQUIPMENT INFORMATION

Equipment ID No.	Emission Point ID No.	Equipment Description (Make, Model and Serial Number)

Control Device ID No(s).	Control Device Description(s)

OPERATING SCHEDULE

Hours per Day: Days per Week: Weeks per Year:

FIRING METHOD

Liquid/Gaseous Fuels: G Tangential G Vertical G Other (Specify)

Solid Fuels: G Traveling Grate Stoker G Spreader Stoker G Other (Specify)

Please Check One:

G Water Tube G Fire Tube

COMBUSTION EQUIPMENT CATEGORY (Check One)

G Dutch Oven G Spreader Stoker G Fuel Cell G Fluidized Bed G Hand-Fired G Other (Specify)

AVERAGE COMBUSTION RATE (Check One)

G > 100 x 10^6 BTU/HR G 10 x 10^6 - 100 x 10^6 BTU/HR

G < 10 x 10^6 BTU/HR G < 5 x 10^6 BTU/HR

Maximum Design Rate (# Steam or BTU/Hour)

Year Put in Service

FUEL INFORMATION

Fuel Type

OIL (Gallons)	**WOOD (BDT)**	**GAS (Therms)**	**OTHER**
G Distillate (Fuel Oil 1 - 4) G Residual (Fuel Oil 5 - 6) G Waste Oil	G Hogged Fuel G Sanderdust G Shavings G Other (Specify)	G LPG/Propane G Natural Gas	G Refuse G Trade Wastes G Other (Specify)

Fuel Type	Annual Throughput	Units	% Sulphur	% Ash

STEAM PRODUCTION

Total Annual Steam Production	Daily Average Steam Production

Duplicate this form as needed.

FORM 2.1 VENEER DRYER INFORMATION

Facility Name	LRAPA Permit No.	Year of Data

DRYER INFORMATION

Equipment ID No.	Emission Point ID No.	Control Device ID No(s).

HEAT SOURCE (Check One)

G Wood **G** Steam **G** Natural Gas **G** Other (Specify)

Maximum Hourly Production (Thousands ft^2/hr, 3/8" basis)

OPERATING PARAMETERS

OPERATING SCHEDULE

Hours per Day: Days per Week: Weeks per Year:

Wood Species Dried	Average Moisture Content (%)	Annual Production (3/8" basis)	% Redry/Year

Duplicate this form as needed.

FORM 2.2 OUTDOOR STORAGE PILES

Facility Name	LRAPA Permit No,	Year of Data
STORAGE PILE INFORMATION		
Emission Point No.	Type of Material Stored	Dust Control Method
Moisture Content (%)	Area of Storage Pile (Acres)	
Storage Duration (Days)	Annual Amount Stored (Tons)	
Raw Material Loading Method (Check One) G Rail G Truck G Conveyor G Other (Specify)	Raw Material Unloading Method (Check One) G Rail G Truck G Conveyor G Other (Specify)	

Duplicate this form as needed.

FORM 2.3 HAUL ROAD FUGITIVE EMISSIONS

***** PLEASE NOTE *****
Haul roads will be defined as any road or area at the facility where industrial vehicles regularly travel to load, unload or transfer materials.

HAUL ROAD INFORMATION

Emission Point No.	Length of Road (Miles)	SURFACE MATERIAL OF ROAD G Paved G Unpaved G Paved with Unpaved Shoulders

TYPE OF DUST CONTROL — EFFICIENCY

- G Surfactant Spray — 90 %
- G Water Spray — 50 %
- G No Controls — 0 %
- G Other (Specify)

FOR LRAPA USE ONLY

Silt Content (%)	No. Days with Precipitation

HAUL TRUCK INFORMATION

Number of Wheels	Average Truck Speed (Mph)	Average Weight of Material per Load (Tons)

Unloaded Truck Weight (Tons)	Average Loaded Truck Weight (Tons)

Type of Material(s) Hauled	Annual Amount Hauled (Tons)

CALCULATION OF ANNUAL VEHICLE MILES TRAVELED (VMT)

$$Annual\ VMT = 2\ x\ (Length\ of\ Haul\ Road)\ x \left[\frac{Annual\ Amount\ Hauled}{Average\ Weight\ of\ Material\ per\ Load} \right] =$$

Duplicate this form as needed.

FORM 2.4 VOC EMISSIONS SUMMARY

Facility Name	LRAPA Permit No.	Year of Data

PLEASE COMPLETE THIS FORM FOR ALL GLUES, PAINTS, ADHESIVES, INKS AND CLEANING SOLVENTS USED IN THE FACILITY.

Equipment ID Number	Material Type	Annual Throughput	% by Wt of VOC in Material	Material Density (Lbs/Gal)	Lbs of VOC per Gal minus water	Annual VOC Emitted (Tons/Yr)	Emission Point ID Number

FOR EACH MATERIAL LISTED ABOVE, PLEASE SPECIFY HOW THE ANNUAL VOC EMISSIONS WERE CALCULATED. INDICATE, BY LETTER, THE METHODOLOGY USED FOR EACH PIECE OF EQUIPMENT.

Equipment ID Number	Material Type	Methodology

VOC EMISSIONS CALCULATION METHODOLOGIES

A. Stack Test

B. Emission Factor

C. Paint or Coating Composition

D. Mass Balance

E. SARA

F. Other (Specify)

Duplicate this form as needed.

FORM 2.5 HAZARDOUS AIR POLLUTANT EMISSIONS SUMMARY

Facility Name	LRAPA Permit No.	Year of Data

PLEASE COMPLETE THIS FORM FOR ALL HAZARDOUS AIR POLLUTANTS THAT ARE PRESENT IN ANY GLUES, PAINTS, ADHESIVES, INKS, CLEANING SOLVENTS OR METALLIC COMPOUNDS USED IN THE FACILITY.

Equipment ID Number	Hazardous Air Pollutant Name and CAS Number	Material Annual Throughput	% by Wt of HAP in Material	Material Density (Lbs/Gal)	Lbs of HAP per Gal minus water	Annual HAP Emitted (Tons/Yr)	Emission Point ID Number

FOR EACH HAZARDOUS AIR POLLUTANT LISTED ABOVE, PLEASE SPECIFY HOW THE ANNUAL AMOUNT EMITTED WAS CALCULATED. INDICATE, BY LETTER, THE METHODOLOGY USED FOR EACH PIECE OF EQUIPMENT.

Equipment ID Number	Material Type	Methodology

HAP EMISSIONS CALCULATION METHODOLOGIES

A. Stack Test

B. Emission Factor

C. Paint or Coating Composition

D. Mass Balance

E. SARA

F. Other (Specify)

Duplicate this form as needed.

FORM 2.6 ORGANIC LIQUID STORAGE TANKS

Facility Name	LRAPA Permit No.	Year of Data
PLEASE COMPLETE THIS FORM FOR ALL LIQUID STORAGE TANKS AT THE FACILITY WITH STORAGE CAPACITIES GREATER THAN 500 GALLONS.		

Emission Point or Tank Number	Type of Material Stored	Storage Temperature	Annual Throughput (Gallons)

Duplicate this form as needed.