

Received on
07/10/24 as
Additional Information.



186 Iron Horse Court, Suite 101, Yakima, WA. 98901
Phone: (509) 834-2050 Fax: (509) 834-2060
Website: <http://www.yakimacleanair.org>

Filing Fee: \$400.00*

*Pursuant to WAC 173-400-111(1) (c)-an application is not complete until the permit application filing fee required by YRCAA has been paid.

OFFICIAL USE ONLY

YRCAA NSR No: NSRP-05-PF-24 Date Fee Paid: _____

Received by: HT email Filing Fee: **\$400.00**

☐ YRCAA is the lead agency for the SEPA process. Processing Fee \$400.00

Review of the application will not begin, until the application filing fee is paid. A surcharge fee for the time required for preparing and processing the application for approval will be invoiced after the permit to operate is issued.

New Source Review (NSR) Application General

Stationary/Permanent Source

INSTALLATION OR ESTABLISHMENT OF NEW AIR CONTAMINANT SOURCES

NSR Application is Required for Construction, Installation or Establishment of an Air Pollution Source
Or

Replacement or Substantial Alteration of Emission Control Technology on an Air Pollution Source or Equipment

I. General Information:

BUSINESS NAME Paragon Films Inc.

NATURE OF BUSINESS Stretch(Plastic) Films Production

MAILING ADDRESS 3500 W. Tacoma St., Broken Arrow, OK 74012

FACILITY ADDRESS (if different): 915 Rose St., Union Gap, WA 98903

PHONE and FAX NUMBERS (509) 424.3700 Fax: (509)424.3701 Email: steven.mitchell@paragonfilms.com

TYPE OF PROCESS, EQUIPMENT, OR APPARATUS Installation of a Windmoeller & Hoelscher KG stretch film production line #34 and Coperion K-Tron bin vent filter assembly as well as Coperion filter onto production line #34

LIST OF AIR CONTAMINANT(S) WHICH WILL BE PRODUCED AND/OR CONTROLLED _____

Particulate Matters(PM10 and PM2.5)

ESTIMATED STARTING DATE: _____

ESTIMATED COMPLETION DATE: 6.10.2024

Compliance with SEPA (State Environmental Policy Act) - Check One of the Options Below:

- ☐ A DNS or EIS has been Issued by Another Agency for this Project and a Copy is Attached.
- ☐ If no DNS or EIS Exists for this Project, a Completed Checklist for this Project and the SEPA Processing Fee are Attached. *YRCAA SEPA checklist is available by phone, or by our website.*
- ☐ The city/county has established an exemption for this project.
- ☒ I certify that the SEPA has been satisfied or this project is exempt:

6/13/2024

Date

by



UNION GAP BUILDING OFFICIAL

Government Agency

Previous NSR/Air Permits Number issued by YRCAA for the Facility, if any NSRP-22-PF-13 NSRP-04-PF-15
NSRP-02-PF-15 NSRP-12-PF-17

Describe Input to Output Process (Attach drawings, schematics, prints, or block diagrams) Resin pellets are brought to site via railcar, off-loaded into silos then then dispersed into a hopper which feeds the extruder where the resin is melted and feed into the die and extruded out onto the cast roll then a chill roll and into the winder where it is cut and placed onto paper cores as a flat stretch film

ESTIMATED COSTS: OF BASIC SOURCE EQUIPMENT \$ \$8,832,000.00

OF CONTAMINANT CONTROL APPARATUS \$ \$44,000.00

Process: Production Output per Year (tons, pounds, etc) 20 million lbs.

Maximum Output per Hour (tons, pounds, etc) 4,400 lbs.

Percentage of Production (%)

Dec - Feb 40%

Mar - May 40%

Jun - Aug 40%

Sep - Nov 40%

Operating Schedule: Hrs/Day 24

Days/Wk 7

Wks/Yr 52

II. Emissions Estimations and Calculations:

1. Criteria Pollutants (gr/dscf, tons/yr, lbs/hr., ppm, etc.)

Particulate (PM₁₀, PM_{2.5})

Volatile Organic Compounds N/A

Nitrogen Oxides N/A

Sulfur Oxides N/A

Carbon Monoxide N/A

Lead N/A

2. Toxic Air Pollutants (Name)

N/A

Quantity (in gr/dscf, tons/yr, lbs/hr. ppm, etc.)

N/A

3. Fugitive Pollutants (Source) _____ Quantity (in gr/dscf, tons/yr, lbs/hr, ppm, etc.) _____
N/A N/A
4. Air Pollution Modeling
Results _____
Computer Printout Attached? ☐ Yes ☐ No

III. Emission Data:

1. Stack Height (Feet) N/A Inside Diameter (feet) _____
Gas Exit Temp (degrees F) _____ Gas Exit Velocity (ft/min) _____
Flow Rate (cfm) _____
Shared Stack? If a shared stack, identify process (es) or point(s) which share the stack.
Distance from Stack to Property Line _____
2. Discharge Point or points (if no stack or other than stack)
Height (feet) 42 Inside Diameter (feet) 2.39
Gas Exit Temp (degrees F) N/A Gas Exit Velocity (ft/min) N/A
Flow Rate (cfm) 7,600

Shared discharge point? If a shared discharge point, identify process (es) or point(s) which share the discharge point. N/A

Distance from discharge point to Property Line _____
3. Fuel Type N/A % Sulfur _____
% Ash _____ Unit of Measure (gal./cu.ft./etc.) _____
BTU per Unit of Measure _____ Consumption Units per Year _____
Maximum Consumption Units per Hour _____
4. Building Dimensions
Height (feet) 35'9" Length (feet) 500' Width (feet) 200'

IV. Air Pollution Control Equipment:

Baghouse	Type	<u>2 Coperion K-Tron inline filter</u>	Model #, Serial #	<u>STK-C</u>
	Efficiency	<u>99.9%</u>	PM _{2.5} :	<u>99.9%</u> and PM ₁₀ : <u>99.9%</u>
	Bag Height (feet)	<u>4' 10"</u>	Bag Diameter (feet)	<u>5 3/4"</u>
	Filter Area (feet squared)	<u>351</u>	Blower Flow Rate (cfm)	<u>706</u>
	Filter Media	<u>7.8 oz./yd² polyester spunbond with ptfе membrane</u>	Dimensions (feet)	<u>8.67 x 2.67 x 2.67</u>
	Discharge Area Dimensions (feet)	<u>1sq. ft.</u>		
	Cleaning Mechanism (shake) (air psi)	<u>80-100 psig</u>		
	Other Data			
Scrubber	Type	<u>N/A</u>	Model #, Serial #	
	Efficiency			
	Gas Differential Pressure (psi)		Liquor Differential Pressure (psi)	
	Liquor Flow (gpm)		Discharge Area Dimensions (feet ²)	
	Gas Flow (cfm)		Other Data	
Cyclone	Type	<u>W&H</u>	Model #, Serial #	<u>Model# 30291465</u>
	Efficiency		PM _{2.5} :	and PM ₁₀ :
	Gas Flow (cfm)		Discharge Area Dimensions (feet ²)	
	Other Data			
Precipitator	Type	<u>N/A</u>	Model #, Serial #	
	Efficiency			
	Gas Flow (cfm)		Gas Velocity (ft/sec)	
	Residence Time		Gas Differential Pressure (psi)	
	Precipitation Rate (ft/sec)		Discharge Area Dimensions (feet ²)	
	Other Data			
Ad/Absorp	Type	<u>N/A</u>	Model #, Serial #	
	Efficiency			
	Gas Flow		Gas Velocity (ft/sec)	
	Gas Temp (degree F)		Bed Volume (ft ³)	
	Bed Dimensions (feet)		Capacity (hours)	
	Contaminant (lb/day)		Regeneration time (hours)	

Other Type _____ Model #, Serial # _____
Efficiency _____
Gas Flow (cfm) _____ Discharge Area Dimensions (feet) _____
Other Data _____

V. Additional Information:

1. Attach Related Information on Chemicals or Materials that will be emitted. (MSDS Sheets, Company Information, etc.)

Note: Indicate how much quantity are used per MSDSs

☐ Yes ☒ No, if not why? There are no chemicals or materials being emitted

2. Fugitive Dust Control Plan (Attach if Necessary)

3. Attach Operation and Maintenance Manual of Pollution Control Equipment.

☒ Yes ☐ No, if not, why? _____

4. Attach Vendor Information or Manufacturer's Instructions on Pollution Control Equipment.

☒ Yes ☐ No, if not, why? _____

APPLICANT: I hereby certify that the information contained in this application, including supplemental forms and data, when required, is, to the best of my knowledge, complete and correct. I also agree to all fees for processing this permit and grant permission for YRCAA staff to enter the premises for inspection.

Signature Steven M. Mitchell

Digitally signed by Steven M. Mitchell
DN: cn=Steven M. Mitchell, o=YRCAA, email=smitchell@yrcaa.com
Reason: I am the Signer of this document
Date: 2024.05.30 11:30:11 -0400
SHA-256 Digest: 112042007

Date 5.30.2024

Title EHS Manager

Date _____

Name and Title of Individual Filling out Form:

Name (print) Steven Mitchell- EHS Manager

Signature Steven M. Mitchell

Digitally signed by Steven M. Mitchell
DN: cn=Steven M. Mitchell, o=YRCAA, email=smitchell@yrcaa.com
Reason: I am the Signer of this document
Date: 2024.05.30 11:30:11 -0400
SHA-256 Digest: 112042007

Name and Title of Contact Person, if Different than Above:

Name _____

Title _____

Name and Title of the Responsible Official for the permit, if Different than Above:

Name _____

Title _____

