

September 1, 2023

Kentucky Department for Environmental Protection  
Division for Air Quality  
Frankfort Central Office  
300 Sower Boulevard, 1st Floor  
Frankfort, KY 40601

Donaldson Company, Inc  
200 Etter Drive  
Nicholasville, KY 40356  
Permit Number: F-18-054  
Facility I.D.: 21-113-00016  
A.I. #: 2286

Subject: Conditional – Major Air Permit Application Renewal

Dear KY DEP:

Enclosed is the Air Quality Permit Renewal Application for Permit F-18-054. This permit issued to Donaldson expires on March 9, 2024. Physical changes to emission units at the facility have not occurred since the last air quality permit was issued. Donaldson has updated the insignificant activities with the addition of one plasma cutter. In accordance with 401 KAR 52:030 Section 6(1), the addition of one plasma cutter meets the requirements of an Insignificant Activity. Per 401 KAR 52:030 Section 4(2)(C), this application contains only the information that is new or different from the most recent source-wide permit application.

If you have any questions regarding this report or need any additional information, please feel free to contact our Environmental Health and Safety Manager, Tiffany Simpson at 859-887-0220.

I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete.

Sincerely,



Tony James  
Plant Director  
Donaldson Company, Inc

**Division for Air Quality**  
 300 Sower Boulevard  
 Frankfort, KY 40601  
 (502) 564-3999

**DEP7007AI**  
**Administrative Information**  
 \_\_\_ Section AI.1: Source Information  
 \_\_\_ Section AI.2: Applicant Information  
 \_\_\_ Section AI.3: Owner Information  
 \_\_\_ Section AI.4: Type of Application  
 \_\_\_ Section AI.5: Other Required Information  
 \_\_\_ Section AI.6: Signature Block  
 \_\_\_ Section AI.7: Notes, Comments, and Explanations

**Additional Documentation**  
 \_\_\_ Additional Documentation attached

**Source Name:** Donaldson Company, Inc  
**KY EIS (AFS) #:** 21- 113-00016  
**Permit #:** F-18-054  
**Agency Interest (AI) ID:** 2286  
**Date:** 8/28/2023

**Section AI.1: Source Information**

**Physical Location Address:** Street: 200 Etter Drive  
 City: Nicholasville  
 County: Jessamine  
 Zip Code: 40356  
**Mailing Address:** Street or P.O. Box: 200 Etter Drive  
 City: Nicholasville  
 State: KY  
 Zip Code: 40356

**Standard Coordinates for Source Physical Location**

**Longitude:** -84.586702 (decimal degrees)      **Latitude:** 37.889719 (decimal degrees)

**Primary (NAICS) Category:** Industrial and Commercial Fan and Blower and Air Purification Equip. Manufacturing

**Primary NAICS #:** 333413

**Classification (SIC) Category:** General Industry Machinery, N.E.C. **Primary SIC #:** 3569

**Briefly discuss the type of business conducted at this site:**  
 This facility manufactures filtration units by cutting mild steel, bending in to shape, welding together and painting for final products.

**Description of Area Surrounding Source:**  
 Rural Area  Industrial Park  Residential Area  Yes  Number of Employees: 177  
 Urban Area  Industrial Area  Commercial Area  No

**Approximate distance to nearest residence or commercial property:** Adjacent **Property Area:** 30 acres **Is this source portable?**  Yes  No

**What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?**

**NPDES/KPDES:**  Currently Hold  Need  N/A

**Solid Waste:**  Currently Hold  Need  N/A

**RCRA:**  Currently Hold  Need  N/A

**UST:**  Currently Hold  Need  N/A

**Type of Regulated Waste Activity:**  
 Mixed Waste Generator  Generator  Recycler  Other: \_\_\_\_\_  
 U.S. Importer of Hazardous Waste  Transporter  Treatment/Storage/Disposal Facility  N/A

**Section A1.2: Applicant Information**

**Applicant Name:** Donaldson Company, Inc

**Title:** (if individual)

**Mailing Address:** Street or P.O. Box: 200 Etter Drive

City: Nicholasville State: KY Zip Code: 40356

**Email:** (if individual)

**Phone:** 859.887.2426

**Technical Contact**

**Name:** Tiffany Simpson

**Title:** Manager, Environmental Health and Safety

**Mailing Address:** Street or P.O. Box: Donaldson Company, Inc - 200 Etter Drive

City: Nicholasville State: KY Zip Code: 40356

**Email:** tiffany.simpson@donaldson.com

**Phone:** 859.887.0220

**Air Permit Contact for Source**

**Name:** Tiffany Simpson

**Title:** Manager, Environmental Health and Safety

**Mailing Address:** Street or P.O. Box: 200 Etter Drive

City: Nicholasville State: KY Zip Code: 40356

**Email:** tiffany.simpson@donaldson.com

**Phone:** 859.887.0220

**Section AI.3: Owner Information**

**Owner same as applicant**

**Name:** \_\_\_\_\_  
Same as applicant

**Title:** \_\_\_\_\_

**Street or P.O. Box:** \_\_\_\_\_

**Mailing Address:**

**City:** \_\_\_\_\_

**State:** \_\_\_\_\_

**Zip Code:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**List names of owners and officers of the company who have an interest in the company of 5% or more.**

**Name**

**Position**

_____	_____
_____	_____
_____	_____

**Section AI.4: Type of Application**

**Current Status:**  Title V  Conditional Major  State-Origin  General Permit  Registration  None

Name Change  Initial Registration  Significant Revision  Administrative Permit Amendment

Renewal Permit  Revised Registration  Minor Revision  Initial Source-wide Operating Permit

502(b)(10)Change  Extension Request  Addition of New Facility  Portable Plant Relocation Notice

Revision  Off Permit Change  Landfill Alternate Compliance Submittal  Modification of Existing Facilities

Ownership Change  Closure

**Requested Status:**  Title V  Conditional Major  State-Origin  PSD  NSR  Other: \_\_\_\_\_

**Requested Action:**  
*(check all that apply)*

**Is the source requesting a limitation of potential emissions?**

Yes  No

**Pollutant:**

**Requested Limit:**

<input type="checkbox"/> Particulate Matter	_____	<input type="checkbox"/> Single HAP	9tpy(Existing)
<input type="checkbox"/> Volatile Organic Compounds (VOC)	90tpy(Existing)	<input type="checkbox"/> Combined HAPs	22.5tpy(Existing)
<input type="checkbox"/> Carbon Monoxide	_____	<input type="checkbox"/> Air Toxics (40 CFR 68, Subpart F)	_____
<input type="checkbox"/> Nitrogen Oxides	_____	<input type="checkbox"/> Carbon Dioxide	_____
<input type="checkbox"/> Sulfur Dioxide	_____	<input type="checkbox"/> Greenhouse Gases (GHG)	_____
<input type="checkbox"/> Lead	_____	<input type="checkbox"/> Other	_____

**For New Construction:**

**Proposed Start Date of Construction:**  
*(MM/YYYY)*

**Proposed Operation Start-Up Date:** *(MM/YYYY)*

**For Modifications:**

**Proposed Start Date of Modification:**  
*(MM/YYYY)*

**Proposed Operation Start-Up Date:** *(MM/YYYY)*

**Applicant is seeking coverage under a permit shield.**  Yes  No

**Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.**

**Section AI.5 Other Required Information**

Indicate the documents attached as part of this application:

- DEP7007A Indirect Heat Exchangers and Turbines
- DEP7007B Manufacturing or Processing Operations
- DEP7007C Incinerators and Waste Burners
- DEP7007F Episode Standby Plan
- DEP7007J Volatile Liquid Storage
- DEP7007K Surface Coating or Printing Operations
- DEP7007L Mineral Processes
- DEP7007M Metal Cleaning Degreasers
- DEP7007N Source Emissions Profile
- DEP7007P Perchloroethylene Dry Cleaning Systems
- DEP7007R Emission Offset Credit
- DEP7007S Service Stations
- DEP7007T Metal Plating and Surface Treatment Operations
- DEP7007V Applicable Requirements and Compliance Activities
- DEP7007Y Good Engineering Practice and Stack Height Determination
- DEP7007AA Compliance Schedule for Non-complying Emission Units
- DEP7007BB Certified Progress Report
- DEP7007CC Compliance Certification
- DEP7007DD Insignificant Activities
- DEP7007EE Internal Combustion Engines
- DEP7007FF Secondary Aluminum Processing
- DEP7007GG Control Equipment
- DEP7007HH Haul Roads
- Confidentiality Claim
- Ownership Change Form
- Secretary of State Certificate
- Flowcharts or diagrams depicting process
- Digital Line Graphs (DLG) files of buildings, roads, etc.
- Site Map
- Map or drawing depicting location of facility
- Safety Data Sheet (SDS)
- Emergency Response Plan
- Other: \_\_\_\_\_

**Section AI.6: Signature Block**

I, the undersigned, hereby certify under penalty of law, that I am a responsible official\*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.

*Tony James*  
 Authorized Signature

TONY JAMES  
 Type or Printed Name of Signatory

9/11/2023  
 Date

Plant Director  
 Title of Signatory

\*Responsible official as defined by 401 KAR 52:001.

**Section AI.7: Notes, Comments, and Explanations**

No changes are proposed to Emission units 01- Coating Line #1, 02-Coating Line #2 and 03 Boilers. Updates to insignificant activities are identified in the attached Form DEP7007DD.



Division for Air Quality  
 300 Sower Boulevard  
 Frankfort, KY 40601  
 (502) 564-3999

**DEP7007DD**

**Insignificant Activities**

- \_\_\_ Section DD.1: Table of Insignificant Activities
- \_\_\_ Section DD.2: Signature Block
- \_\_\_ Section DD.3: Notes, Comments, and Explanations

**Source Name:** Donaldson Company, Inc

**KY EIS (AFS) #:** 21- 113-00016

**Permit #:** F-18-054

**Agency Interest (AI) ID:** 2286

**Date:** 8/28/2023

**Section DD.1: Table of Insignificant Activities**

\*Identify each activity with a unique Insignificant Activity number (IA #); for example: 1, 2, 3 ... etc.

Insignificant Activity #	Description of Activity including Rated Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions
IA01	Welding Operations (approximately 113 welders) GMAW process, Total Rod Usage: 9.68 lbs/Hr	G:F 13:16/E:C 2:15)	401 KAR 59:010 & 401 KAR 63:020	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA02	Stationary RF Filters Systems	B18, H2, F5	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA03	Paint Hook Burn off Oven (1.04 MMBtu/hr, Natural Gas)*	D20	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA04	Three laser cutters with dust collector unit	G24, E24, F22	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA05	Two plasma cutters	G25	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)

Insignificant Activity #	Description of Activity including Rated Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions
IA06	Hoffman Shot Blast Booth with dust collector units	C18	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA07	Blow-Off Booth for powder paint operators with dust collector unit	F14	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA08	Instapak foam machine in receiving area	Aftermarket	401 KAR 59:010 & 401 KAR 63:020	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA09	2 Hitachi table saws for wood cutting with internal dust collector.	Shipping Area	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA10	Aluminum blast booth - no external exhaust	Near Engine Office	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)
IA11	Boat wrap process (cellophane wrap with propane torch)	Shipping Area	401 KAR 59:010	Detailed emission not provided per 401KAR 50230 Section 6(2)(C)

**Section DD.2: Signature Block**

I, THE UNDERSIGNED, HEREBY CERTIFY UNDER PENALTY OF LAW, THAT I AM A RESPONSIBLE OFFICIAL, AND THAT I HAVE PERSONALLY EXAMINED, AND AM FAMILIAR WITH, THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ITS ATTACHMENTS. BASED ON MY INQUIRY OF THOSE INDIVIDUALS WITH PRIMARY RESPONSIBILITY FOR OBTAINING THE INFORMATION, I CERTIFY THAT THE INFORMATION IS ON KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE OR INCOMPLETE INFORMATION, INCLUDING THE POSSIBILITY OF FINE OR IMPRISONMENT.

By: Tony James  
 Authorized Signature

9/11/2023  
 Date  
Plant Director  
 Title of Signatory

Type/Print Name of Signatory

Title of Signatory





