

**BASIC APPLICATION FOR EQUIPMENT / AIR POLLUTION PERMIT
OR CERTIFICATE OF OPERATION**

FORM E001
03/2011

1. Name of Company Woodbridge Inoac Technical Products Chatta
(If corporation or LLC, name on file with Tennessee Secretary of State Corporate Records Division)
2. NAICS Code: 326150
3. Company Official to Contact: Josh Triplett
4. Phone No. 423-622-8326
5. Mailing Address: 1120 Judd Road Chattanooga TN 37406
Street or P.O. Box City State Zip Code
6. Physical Location
(If different from line 5) 1120 Judd Road Chattanooga TN 37406
Street City State Zip Code
7. Application for:
 Installation Permit Initial Certificate of Operation Renewal Certificate of Operation
- Previous Installation Permit or Certificate of Operation No.: _____

8. Type of equipment for which application is made:
- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Process Equipment (Form E010 or Form E010A) | <input type="checkbox"/> Previously Submitted | <input checked="" type="checkbox"/> Attached |
| <input type="checkbox"/> Fuel Burning Equipment (Form E011) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| <input type="checkbox"/> Incineration Equipment (Form E012) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| <input type="checkbox"/> Minor Pollution Source (Form E014)
<i>(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)</i> | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |

The following forms are filed with this application:
Form E010

9. Equipment Name:
Development Slabstock Line

10. If application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application in the equipment or operation which might:

- A. Increase, decrease, or alter process materials, fuel, refuse type, etc.? Yes No
- B. Increase, decrease, or alter emissions or emission points? Yes No

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**CHATTANOOGA-HAMILTON
COUNTY AIR POLLUTION
CONTROL BUREAU**

11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1,000 Btu/hr, (Item 7C on Form E011): 8,500

This is to certify that I am familiar with operations concerning this equipment and the information provided on this application is true and complete to the best of my knowledge:

Mail completed form to:
CHATTANOOGA-HAMILTON COUNTY
AIR POLLUTION CONTROL BUREAU
6125 Preservation Drive, Suite 140
Chattanooga, TN 37416-3638

Joshua Triplett *Name*
Process Manager *Title*
1-29-2024 *Date*

This form must be completely filled out before it will be processed

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| <input type="checkbox"/> Incineration Equipment (Form E012) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| <input type="checkbox"/> Minor Pollution Source (Form E014)
<i>(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)</i> | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |

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Form E010

9. Equipment Name: Development Slabstock Line
10. If application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application in the equipment or operation which might:
- A. Increase, decrease, or alter process materials, fuel, refuse type, etc.? Yes No
- B. Increase, decrease, or alter emissions or emission points? Yes No
11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1,000 Btu/hr, (Item 7C on Form E011): 8,500

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Joshua Triplett *Name*
Process Manager *Title*
1-29-2024 *Date*

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PROCESS EQUIPMENT APPLICATION

FORM E010
07/2000

1. **Name of Company** (as shown on Line 1, Form E001): Woodbridge Inoac Technical Products Chattanooga LLC
2. **Equipment Name** (as shown on Line 10, Form E001): Development Slabstock Line
3. **Installation Date:** 4-15-24 (Est.) 4. **Type of Process:** Polyurethane Foam Production
5. **Major Raw Materials Used:** Isocyanates, Polyols, Catalysts, Property Additives
6. **Process Weight:** 8,500 Pounds per hour
This is the total weight of all materials introduced into the process.

7. Control Equipment

- Emissions Uncontrolled Baghouse (File Form E102)
 Wet Collecting Device (File Form E103) Inertial Separators (File Form E105)
 Electrostatic Precipitator (File Form E104) Other – Specify: _____

8. Control Efficiency

Enter the control efficiency for each pollutant emitted by this equipment (for appropriate Forms E102, E103, E104, E105, E107, or enter zeros if the emissions are uncontrolled as noted in Item 7.

Pollutant	% Efficiency
Particulates	
SO _x	
NO _x	
CO	
Hydrocarbons	
Other: Isocyanates / Catalysts	0

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CONTROL BUREAU**

9. Emissions Summary

Enter the amount of each pollutant listed in pounds per hour.

Pollutant	Uncontrolled Emissions (File Form E106)	Actual Emissions (Stack Test Report)	Estimated Emissions (See Formula A)
Total Suspended Particulate			
PM10			
Sulfur Oxides			
Nitrogen Oxides (as NO ₂)			
Other (specify)			
Isocyanates			0.21164 lbs/hr
Catalysts			6.05 lbs/hr

Formula A: Estimated Emissions = $\frac{(100\% - \text{Control Efficiency (\%)})}{100\%}$ X Uncontrolled Emissions

10. **Environmental Impact**

Those emissions indicated in Item 9 may at times under normal operating conditions cause (check all that apply):

- Odors Eye Irritations Property Damage Health Effects
 Other nuisances outside of plant property No environmental damage

11. **Emission Point Data**

Stack Height (emission point) above ground: 32 Ft. Volume of gas discharged into atmosphere: 7500 cfm
Ground Elevation above sea level at stack base: 676 Ft. Gas exit temperature: Ambient °F
Stack Diameter: 3 Ft.

12. **Ave. Operating Time**

Daily: 1.5 hours Weekly: 4 Days Yearly: 45 Weeks

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Josh Triplett
Company Official

Process Manager
Title

January 28, 2024
Date

CHATTANOOGA-HAMILTON COUNTY
AIR POLLUTION CONTROL BUREAU
6125 Preservation Drive, Suite 140
Chattanooga, TN 37416-3740