

MARYLAND DEPARTMENT OF THE ENVIRONMENT

**AIR AND RADIATION ADMINISTRATION
APPLICATION FOR A PERMIT TO CONSTRUCT**

DOCKET #07-26

COMPANY: Independent Can Company

LOCATION: 1101 Todds Lane, Rosedale, MD 21237-2905

APPLICATION: One (1) weld line to cure lacquer and prevent rust on welded cans.

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Notice of Application and Opportunity to Request an Informational Meeting
2	Permit to Construct Application Forms Cover Letter, One (1) Form 5, One (1) Form 5T, One (1) Form 5EP, One (1) Form 6, Emissions Calculations, Diagrams, Vendor Information, SDS Information, Site Maps.
3	MDEnviroScreen Report
4	Evidence of Zoning Approval

**MARYLAND DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION ADMINISTRATION**

**NOTICE OF APPLICATION AND
OPPORTUNITY TO REQUEST AN INFORMATIONAL MEETING**

The Maryland Department of the Environment, Air and Radiation Administration (ARA) received a permit-to-construct application from Independent Can Company on July 1, 2026 for the installation of one (1) weld line to cure lacquer and prevent rust on welded cans. The proposed installation will be located at 1101 Todds Lane, Rosedale, MD 21237-2905.

In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the project is located. The EJ Score, expressed as a statewide percentile, was shown to be 99.5 which the Department has verified. This score represents a combined measure of pollution and the potential vulnerability of a population to the effects of pollution.

Copies of the application, the MDE EJ Screening Tool Report (which includes the score), and other supporting documents are available for public inspection on the Department's website at <https://mde.maryland.gov/programs/Permits/AirManagementPermits/Pages/index.aspx> (click on Docket Number 07-26). Any applicant-provided information regarding a description of the environmental and socioeconomic indicators contributing to that EJ score can also be found at the listed website. Such information has not yet been reviewed by the Department. A review of the submitted information will be conducted when the Department undertakes its technical review of all documents included in the application.

Pursuant to the Environment Article, Section 1-603, Annotated Code of Maryland, the Department will hold an informational meeting to discuss the application and the permit review process if the Department receives a written request for a meeting within 10 working days from the date of the second publication of this notice. A requested informational meeting will be held virtually using teleconference or internet-based conferencing technology unless a specific request for an in-person informational meeting is received. All requests for an informational meeting should be directed to the attention of Ms. Shannon Heafey, Air Quality Permits Program by email to shannon.heafey@maryland.gov or by mail to the Air and Radiation Administration, 1800 Washington Boulevard, Baltimore, Maryland 21230. Further information may be obtained by calling Ms. Shannon Heafey at 410-537-4433.

Christopher R. Hoagland, Director
Air and Radiation Administration



June 11, 2026

Air Quality Permits Section
Maryland Department of the Environment
1800 Washington Blvd.; Suite 270
Baltimore, Maryland 21230
MDE.Submit-AirPermits@maryland.gov

**Re: Permit-to-Construct (PTC) Air Permit Application
Independent Can Company
Rosedale, Maryland
August Mack Project Number KA0349.253**

To Whom It May Concern:

August Mack Environmental, Inc. (August Mack) has prepared the attached Permit-to-Construct (PTC) Application for your review on behalf of the Independent Can Company (Independent Can) Steeltin facility located in Rosedale, Maryland.

Independent Can is submitting this PTC application for the addition of the following pieces of equipment:

- (1) 401 Weld Line - This change is for adding a new manufacturing line that applies a rust preventative compound on can weld seams and cures the compound with a natural gas curing oven. The air from the heater is vented to the outside.

The permit application package includes the following:

- Attachment A - Permit to Construct Application Forms
- Attachment B - Emissions Calculations
- Attachment C - Process Flow Diagram
- Attachment D - Manufacturer's Specifications
- Attachment E - Safety Data Sheets
- Attachment F - Certificate of Liability Insurance
- Attachment G - Source Location Map/Site Plan

Sincerely,

Stacey Haefner
Senior Consultant

ATTACHMENT A

Permit to Construct Application Forms



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Independent Can Company
COMPANY ADDRESS:	1300 Brass Mill Rd, Belcamp, MD 21017
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Steeltin Plant
PREMISES ADDRESS:	1101 Todds Lane, Rosedale, MD 21237
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Hannah Kennard
JOB TITLE:	EHS Manager
PHONE NUMBER:	410.670.6213
EMAIL ADDRESS:	hkennard@independentcan.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Independent Can will be installing a new weld line - Line 3 (401) consisting of a lacquer spray and curing oven.	

Application is hereby made to the Department of the Environment for a Permit to Construct for the following equipment or process as required by the State of Maryland Air Quality Regulation, COMAR 26.11.02.09.

Check each item that you have submitted as part of your application package.

- ☒ Application package cover letter describing the proposed project
- ☒ Complete application forms (Note the number of forms included or NA if not applicable.)

No. <u> X </u> Form 5	No. <u> NA </u> Form 11
No. <u> X </u> Form 5T	No. <u> NA </u> Form 41
No. <u> X </u> Form 5EP	No. <u> NA </u> Form 42
No. <u> X </u> Form 6	No. <u> NA </u> Form 44
No. <u> NA </u> Form 10	
- ☒ Vendor/manufacturer specifications/guarantees
- ☒ Evidence of Workman's Compensation Insurance
- ☒ Process flow diagrams with emission points
- ☒ Site plan including the location of the proposed source and property boundary
- ☒ Material balance data and all emissions calculations
- ☒ Material Safety Data Sheets (MSDS) or equivalent information for materials processed and manufactured.
- ☐ Certificate of Public Convenience and Necessity (CPCN) waiver documentation from the Public Service Commission ⁽¹⁾
- ☐ Documentation that the proposed installation complies with local zoning and land use requirements ⁽²⁾

⁽¹⁾ Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.

⁽²⁾ Required for applications subject to Expanded Public Participation Requirements.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Air and Radiation Administration • Air Quality Permits Program

1800 Washington Boulevard • Baltimore, Maryland 21230

(410) 537-3230 • 1-800-633-6101 • www.mde.maryland.gov**FORM 5
APPLICATION FOR****PROCESSING OR MANUFACTURING EQUIPMENT/PROCESS**☒ Permit to Construct☐ Registration Update☐ Initial Registration**1. Owner Information**

Owner Name: Independent Can Company

Owner Street Address: 1300 Brass Mill Road

City/State/Zip Code: Belcamp

Maryland

21017

2. Location of Equipment/Process☒ Check if different from above. If checked, complete the following:

Premises Name: Steeltin Plant

Premises Street Address: 1101 Todds Lane

City/State/Zip Code: Rosedale

Maryland

21237

3. Contact Information

Contact Name: Hannah Kennard

Job Title: EHS Manager

Phone Number: 410.272.0090

Email Address: hkennard@independentcan.com**4. Workers' Compensation Coverage Information****Before a Permit to Construct may be issued by the Department, the applicant must provide the Department with proof of worker's compensation coverage as required under Section 1-202 of the Workers' Compensation Act.**

Company Name: Independent Can Company

Binder/Policy Number: WC515629200

Expiration Date: 10/1/2026

5. Person Installing Equipment/Process (if different from 1 above)

Installer Name and Title:

Installer Company Name:

Installer Street Address:

City/State/Zip Code:

Phone Number:

6. Description of Major Activity, Product, or Service of Company at this Location (include applicable SIC code)

Independent Can will be adding a new weld line (Line 3) to cure lacquer and rust prevention to welded cans

7. Installation Type☒ New Equipment/Process☐ Modification to Existing Equipment/Process☐ Existing Equipment/Process**8. Projected Construction/Existing Operation Dates**

Projected Construction Start Date:

June 2026

Projected Construction End Date:

September 2026

Projected Operating Date of New/Modified Equipment/Process:

September 2026

Existing Equipment/Process Initial Operating Date:

9. Description of the Equipment/Process (include make, model, manufacturer, rated capacity, as applicable)

Independent Can will be adding a new weld line - Line 3 (401), Model GHS9 from Precision Tools GHS Curing Systems. This model consists of a lacquer spray and a curing oven. This line is designed to cure lacquer onto welded cans with the seam on the top position. This model has six (6) burners and will be connected to (2) existing stacks that exhaust from the roof. One of the stacks is required for striping and the other stack is required for curing oven exhaust.

10. Supplemental Equipment/Process Information

Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time: One (1)

Number of Stack/Emission Points Associated with the Equipment/Process: Two (2)

Fugitive Emissions Source? ☐ Yes☒ No**Note: Complete a Form 5EP for each stack/emission point or fugitive discharge area.****11. Control Devices Associated with this Equipment/Process****Note: Complete a Form 6 for each control device.**☐ None☐ Baghouse/Fabric Filter☐ Cyclone☐ Electrostatic Precipitator☐ Dust Suppression☐ Venturi Scrubber☐ Adsorption System☐ Spray Tower/Packed Bed☐ Oxidizer☐ Nitrogen Oxides Reduction☒ Other, specify: Particulate Filter Micron**12. Fuel Consumption for this Equipment/Process**☒ Natural Gas 70 1000 cubic feet/year☐ Coal (attach fuel specifications) _____ tons/year☐ Propane/LP Gas _____ 100 gallons/year☐ Wood (attach fuel specifications) _____ tons/year☐ Distillate Fuel Oil _____ 1000 gallons/year☐ Other (describe): _____☐ Residual Fuel Oil _____ 1000 gallons/year

(specify units)

☒ Continuous Operation ☐ Batch Process _____ hours/batch _____ batches/week 12 _____ operating hours/day 6 _____ operating days/week _____ operating days/year	Seasonal Variation? ☐ Yes ☒ No If yes, complete the following: _____ Winter Percent _____ Spring Percent _____ Summer Percent _____ Fall Percent Total Seasons = 100% operating time
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Name of Input Material	CAS No. (if applicable)	Input Rate Per Hour	Identify Unit of Measure	Input Rate Per Year	Identify Unit of Measure
Valspar 92X078E		0.04438	gal	1.54539	tons
PPG 5085-304B Nutishield Side Stripe		0.04438	gal	1.66785	tons
Natural Gas		0.036	MMbtu	0.309	MMCF

Name of Output Material or Product	CAS No. (if applicable)	Output Rate Per Hour	Identify Unit of Measure	Output Rate Per Year	Identify Unit of Measure

Name of Waste Material or Waste Product	CAS No. (if applicable)	Waste Generation Rate Per Hour	Identify Unit of Measure	Waste Generation Rate Per Year	Identify Unit of Measure

Nitrogen Oxides	_____	lbs/operating day
Carbon Monoxide	_____	lbs/operating day
Sulfur Oxides	_____	lbs/operating day
Particulate Matter (PM-10)	<u>4.111</u>	lbs/operating day
Particulate Matter (PM-2.5)	<u>4.111</u>	lbs/operating day
Volatile Organic Compounds	<u>10.586</u>	lbs/operating day
Greenhouse Gases (CO _{2e})		lbs/operating day

Nitrogen Oxides	_____ lbs/operating day
Carbon Monoxide	_____ lbs/operating day
Sulfur Oxides	_____ lbs/operating day
Particulate Matter (PM-10)	_____ lbs/operating day
Particulate Matter (PM-2.5)	_____ lbs/operating day
Volatile Organic Compounds	_____ lbs/operating day
Greenhouse Gases (CO _{2e})	_____ lbs/operating day

☒ Air Quality Permit to Construct Application Checklist - Include all required items on the checklist with the Form 5 application

☐ Check this box if this application includes confidential information and submit one confidential copy of the application and one copy with all confidential information removed.

20. Responsible Party Certification Statement:
 "I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

Date _____

Hannah Kennard- EHS Manager

Date Received:	
Date Reviewed:	
Reviewed By:	
ARA Premises Number:	
Associated ARA Registration Number or Numbers:	

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FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Independent Can Company

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Line 3 (401)

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:

(1) New weld line, Line 3 (401), will be connected to (2) existing exhaust stacks; (1) for stripping and (1) for curing oven exhaust.

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	C	Seasonal Variation Check box if none: ☐ Otherwise estimate seasonal variation:	
Minutes per hour:		Winter Percent	
Hours per day:	12	Spring Percent	
Days per week:	6	Summer Percent	
Weeks per year:	52	Fall Percent	

4. Emission Point Information

Height above ground (ft):	13	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):					
Exit temperature (°F):	68	Inside diameter at top of round stack (ft):			
Exit velocity (ft/min):		Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):		Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. **A Form 6 is also required for each control device.** If none check none:

☐ None	☐ Thermal Oxidizer	No. _____
☐ Baghouse	☐ Regenerative	No. _____
☐ Cyclone	☐ Catalytic Oxidizer	No. _____
☐ Elec. Precipitator (ESP)	☐ Nitrogen Oxides Reduction	No. _____
☐ Dust Suppression System	☐ Selective	☐ Non-Selective
☐ Venturi Scrubber	☐ Catalytic	☐ Non-Catalytic
☐ Spray Tower/Packed Bed	☒ Other	No. _____
☐ Carbon Adsorber	Specify: Particulate Filter micron	
☐ Cartridge/Canister		
☐ Regenerative		

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)	0.000	0.001	0.008	0.001
Particulate Matter (filterable as PM2.5)	0.000	0.001	0.008	0.001
Particulate Matter (condensables)	0.171	0.073	1.758	0.321
Volatile Organic Compounds (VOC)	0.441	0.189	4.528	0.826
Oxides of Sulfur (SOx)	0.000	0.000	0.001	0.000
Oxides of Nitrogen (NOx)	0.004	0.008	0.099	0.015
Carbon Monoxide (CO)	0.003	0.007	0.083	0.013
Lead (Pb)	0.000	0.000	0.000	0.000
Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO ₂)	8.471	9.910	118.914	18.551
Methane (CH ₄)	0.000	0.000	0.002	0.000
Nitrous Oxide (N ₂ O)	0.000	0.000	0.002	0.000
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF ₆)				
Total GHG (as CO ₂ e)				
List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Formaldehyde	0.001	0.001	0.018	0.003
2-Butoxyethyl acetate	0.035	0.035	0.420	0.066
Cresol	0.003	0.003	0.032	0.005
Xylene	0.004	0.004	0.051	0.008
MIBK	0.004	0.004	0.047	0.007
Benzene	0.001	0.001	0.008	0.001
Hexane	0.000	0.000	0.002	0.000

(Attach additional sheets as necessary.)

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FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Applicant Name: Independent Can Company

Step 1: Quantify premises-wide emissions of Toxic Air Pollutants (TAP) from new and existing installations in accordance with COMAR 26.11.15.04. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Class I or Class II?	Screening Levels ($\mu\text{g}/\text{m}^3$)			Estimated Premises Wide Emissions of TAP			
						Actual Total Existing TAP Emissions	Projected TAP Emissions from Proposed Installation	Premises Wide Total TAP Emissions	
			1-hour	8-hour	Annual	(lb/hr)	(lb/hr)	(lb/hr)	(lb/yr)
<i>ex. ethanol</i>	64175	II	18843	3769	N/A	0.60	0.15	0.75	1500
<i>ex. benzene</i>	71432	I	80	16	0.13	0.5	0.75	1.00	400
Methyl Isobutyl Ketone	108101	II	3072.393	819.3047			0.009080617		
Ethyl Benzene	100414	II		868.3845			0.001651021		
Acetic Acid, 2-Methoxy-1-Methylethyl	108656			349.812			0.1027496		
Ethylene Glycol Monobutyl Ether	112072			1310.429			0.08292073		
Propylene Glycol Monomethyl Ether	107982		5528.834	3685.890			0.027940681		

(attach additional sheets as necessary.)

Note: Screening levels can be obtained from the Department's website (<http://www.mde.maryland.gov>) or by calling the Department.

Step 2: Determine which TAPs are exempt from further review. A TAP that meets either of the following Class I or Class II small quantity emitter exemptions is exempt from further TAP compliance demonstration requirements under Step 3 and Step 4.

Class II TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(a))

A Class II TAP is exempt from Step 3 and Step 4 if the Class II TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour, and any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$.

Class I TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(b))

A Class I TAP is exempt from Step 3 and Step 4 if the Class I TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour and 350 pounds per year, any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$, and any applicable annual screening level for the TAP must be greater than $1 \mu\text{g}/\text{m}^3$.

If a TAP meets either the Class I or Class II TAP Small Quantity Emitter Exemption Requirements, no further review under Step 3 and Step 4 are required for that specific TAP.

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Step 3: Best Available Control Technology for Toxics Requirement (T-BACT, COMAR 26.11.15.05)

In the following table, list all TAP emission reduction options considered when determining T-BACT for the proposed installation. The options should be listed in order beginning with the most effective control strategy to the least effective strategy. Attach supporting documentation as necessary.

Target Pollutants	Emission Control Option	% Emission Reduction	Costs		T-BACT Option Selected? (yes/no)
			Capital	Annual Operating	
<i>ex. ethanol and benzene</i>	<i>Thermal Oxidizer</i>	99	\$50,000	\$100,000	no
<i>ex. ethanol and benzene</i>	<i>Low VOC materials</i>	80	0	\$100,000	yes

(attach additional sheets as necessary)

Step 4: Demonstrating Compliance with the Ambient Impact Requirement (COMAR 26.11.15.06)

Each TAP not exempt in Step 2 must be individually evaluated to determine that the emissions of the TAP will not adversely impact public health. The evaluation consists of a series of increasingly non-conservative (and increasingly rigorous) tests. Once a TAP passes a test in the evaluation, no further analysis is required for that TAP. "Demonstrating Compliance with the Ambient Impact Requirement under the Toxic Air Pollutant (TAP) Regulations (COMAR 26.11.15.06)" provides guidance on conducting the evaluation. Summarize your results in the following table. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Screening Levels (µg/m ³)			Premises Wide Total TAP Emissions		Allowable Emissions Rate (AER) per COMAR 26.11.16.02A		Off-site Concentrations per Screening Analysis (µg/m ³)			Compliance Method Used?
		1-hour	8-hour	Annual	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)	1-hour	8-hour	Annual	AER or Screen
<i>ex. ethanol</i>	64175	18843	3769	N/A	0.75	1500	0.89	N/A	N/A	N/A	N/A	AER
<i>ex. benzene</i>	71432	80	16	0.13	1.00	400	0.04	36.52	1.5	1.05	0.12	Screen

(attach additional sheets as necessary)

If compliance with the ambient impact requirement cannot be met using the allowable emissions rate method or the screening analysis method, refined dispersion modeling techniques may be required. Please consult with the Department's Air Quality Permit Program prior to conducting dispersion modeling methods to demonstrate compliance.

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FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Applicant Name: Independent Can Company

Step 1: Quantify premises-wide emissions of Toxic Air Pollutants (TAP) from new and existing installations in accordance with COMAR 26.11.15.04. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Class I or Class II?	Screening Levels ($\mu\text{g}/\text{m}^3$)			Estimated Premises Wide Emissions of TAP			
						Actual Total Existing TAP Emissions	Projected TAP Emissions from Proposed Installation	Premises Wide Total TAP Emissions	
			1-hour	8-hour	Annual	(lb/hr)	(lb/hr)	(lb/hr)	(lb/yr)
ex. ethanol	64175	II	18843	3769	N/A	0.60	0.15	0.75	1500
ex. benzene	71432	I	80	16	0.13	0.5	0.75	1.00	400
Naptha	64742956						0.023434119		
Pseudocumene	95636	II		1800			0.017124933		
1,2-Butanediol	110634			28.868			0.013519684		
Cresol	1319773	II		200			0.01171706		
Mesitylene	108678			2.4			0.002704		

(attach additional sheets as necessary.)

Note: Screening levels can be obtained from the Department's website (<http://www.mde.maryland.gov>) or by calling the Department.

Step 2: Determine which TAPs are exempt from further review. A TAP that meets either of the following Class I or Class II small quantity emitter exemptions is exempt from further TAP compliance demonstration requirements under Step 3 and Step 4.

Class II TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(a))

A Class II TAP is exempt from Step 3 and Step 4 if the Class II TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour, and any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$.

Class I TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(b))

A Class I TAP is exempt from Step 3 and Step 4 if the Class I TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour and 350 pounds per year, any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$, and any applicable annual screening level for the TAP must be greater than $1 \mu\text{g}/\text{m}^3$.

If a TAP meets either the Class I or Class II TAP Small Quantity Emitter Exemption Requirements, no further review under Step 3 and Step 4 are required for that specific TAP.

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Step 3: Best Available Control Technology for Toxics Requirement (T-BACT, COMAR 26.11.15.05)

In the following table, list all TAP emission reduction options considered when determining T-BACT for the proposed installation. The options should be listed in order beginning with the most effective control strategy to the least effective strategy. Attach supporting documentation as necessary.

Target Pollutants	Emission Control Option	% Emission Reduction	Costs		T-BACT Option Selected? (yes/no)
			Capital	Annual Operating	
ex. ethanol and benzene	Thermal Oxidizer	99	\$50,000	\$100,000	no
ex. ethanol and benzene	Low VOC materials	80	0	\$100,000	yes

(attach additional sheets as necessary)

Step 4: Demonstrating Compliance with the Ambient Impact Requirement (COMAR 26.11.15.06)

Each TAP not exempt in Step 2 must be individually evaluated to determine that the emissions of the TAP will not adversely impact public health. The evaluation consists of a series of increasingly non-conservative (and increasingly rigorous) tests. Once a TAP passes a test in the evaluation, no further analysis is required for that TAP. "Demonstrating Compliance with the Ambient Impact Requirement under the Toxic Air Pollutant (TAP) Regulations (COMAR 26.11.15.06)" provides guidance on conducting the evaluation. Summarize your results in the following table. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Screening Levels (µg/m³)			Premises Wide Total TAP Emissions		Allowable Emissions Rate (AER) per COMAR 26.11.16.02A		Off-site Concentrations per Screening Analysis (µg/m³)			Compliance Method Used?
		1-hour	8-hour	Annual	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)	1-hour	8-hour	Annual	AER or Screen
ex. ethanol	64175	18843	3769	N/A	0.75	1500	0.89	N/A	N/A	N/A	N/A	AER
ex. benzene	71432	80	16	0.13	1.00	400	0.04	36.52	1.5	1.05	0.12	Screen

(attach additional sheets as necessary)

If compliance with the ambient impact requirement cannot be met using the allowable emissions rate method or the screening analysis method, refined dispersion modeling techniques may be required. Please consult with the Department's Air Quality Permit Program prior to conducting dispersion modeling methods to demonstrate compliance.

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FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Applicant Name: Independent Can Company

Step 1: Quantify premises-wide emissions of Toxic Air Pollutants (TAP) from new and existing installations in accordance with COMAR 26.11.15.04. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Class I or Class II?	Screening Levels ($\mu\text{g}/\text{m}^3$)			Estimated Premises Wide Emissions of TAP			
						Actual Total Existing TAP Emissions	Projected TAP Emissions from Proposed Installation	Premises Wide Total TAP Emissions	
			1-hour	8-hour	Annual	(lb/hr)	(lb/hr)	(lb/hr)	(lb/yr)
<i>ex. ethanol</i>	64175	II	18843	3769	N/A	0.60	0.15	0.75	1500
<i>ex. benzene</i>	71432	I	80	16	0.13	0.5	0.75	1.00	400
Formaldehyde	50000	I		20.3	0.08		0.003453646		
Butyl Acetate	123864		9501.84	7126.38			0.219585839		
2-Butoxyethanol (EGBE)	111762			966.6258			0.213671237		
2-Butanone (MEK)	78933	II	8846.626	5897.751			0.101537813		
n-Butanol	71363	II		606.2986			0.139805165		

(attach additional sheets as necessary.)

Note: Screening levels can be obtained from the Department's website (<http://www.mde.maryland.gov>) or by calling the Department.

Step 2: Determine which TAPs are exempt from further review. A TAP that meets either of the following Class I or Class II small quantity emitter exemptions is exempt from further TAP compliance demonstration requirements under Step 3 and Step 4.

Class II TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(a))

A Class II TAP is exempt from Step 3 and Step 4 if the Class II TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour, and any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$.

Class I TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(b))

A Class I TAP is exempt from Step 3 and Step 4 if the Class I TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour and 350 pounds per year, any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$, and any applicable annual screening level for the TAP must be greater than $1 \mu\text{g}/\text{m}^3$.

If a TAP meets either the Class I or Class II TAP Small Quantity Emitter Exemption Requirements, no further review under Step 3 and Step 4 are required for that specific TAP.

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Step 3: Best Available Control Technology for Toxics Requirement (T-BACT, COMAR 26.11.15.05)

In the following table, list all TAP emission reduction options considered when determining T-BACT for the proposed installation. The options should be listed in order beginning with the most effective control strategy to the least effective strategy. Attach supporting documentation as necessary.

Target Pollutants	Emission Control Option	% Emission Reduction	Costs		T-BACT Option Selected? (yes/no)
			Capital	Annual Operating	
ex. ethanol and benzene	Thermal Oxidizer	99	\$50,000	\$100,000	no
ex. ethanol and benzene	Low VOC materials	80	0	\$100,000	yes

(attach additional sheets as necessary)

Step 4: Demonstrating Compliance with the Ambient Impact Requirement (COMAR 26.11.15.06)

Each TAP not exempt in Step 2 must be individually evaluated to determine that the emissions of the TAP will not adversely impact public health. The evaluation consists of a series of increasingly non-conservative (and increasingly rigorous) tests. Once a TAP passes a test in the evaluation, no further analysis is required for that TAP. "Demonstrating Compliance with the Ambient Impact Requirement under the Toxic Air Pollutant (TAP) Regulations (COMAR 26.11.15.06)" provides guidance on conducting the evaluation. Summarize your results in the following table. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Screening Levels (µg/m³)			Premises Wide Total TAP Emissions		Allowable Emissions Rate (AER) per COMAR 26.11.16.02A		Off-site Concentrations per Screening Analysis (µg/m³)			Compliance Method Used?
		1-hour	8-hour	Annual	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)	1-hour	8-hour	Annual	AER or Screen
ex. ethanol	64175	18843	3769	N/A	0.75	1500	0.89	N/A	N/A	N/A	N/A	AER
ex. benzene	71432	80	16	0.13	1.00	400	0.04	36.52	1.5	1.05	0.12	Screen

(attach additional sheets as necessary)

If compliance with the ambient impact requirement cannot be met using the allowable emissions rate method or the screening analysis method, refined dispersion modeling techniques may be required. Please consult with the Department's Air Quality Permit Program prior to conducting dispersion modeling methods to demonstrate compliance.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Air and Radiation Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410) 537-3230 • 1-800-633-6101 • www.mde.maryland.gov

FORM 6
APPLICATION FOR AIR QUALITY PERMIT TO CONSTRUCT
FOR EMISSION CONTROL EQUIPMENT

1. Owner InformationOwner Name: Independent Can CompanyOwner Address: 1300 Brass Mill RoadCity/State/Zip Code: Belcamp

Maryland

21017

2. Location of Equipment☒ Check if different from above. If checked, complete the following:Premises Name: Steeltin PlantPremises Address: 1101 Todds LaneCity/State/Zip Code: Rosedale

Maryland

21237

3. Contact InformationContact Name: Hannah KennardJob Title: EHS ManagerPhone Number: 410.272.0090Email Address: hkennard@independentcan.com**4. Installation Type and Projected Construction Dates**☐ Modification to Existing Emission Control EquipmentProjected Construction Start Date: June 2026☒ New Emission Control EquipmentProjected Construction End Date: September 2026**5. Type of Emission Control Equipment**☐ Baghouse/Fabric Filter No. _____☐ Thermal Oxidizer No. _____☐ Regenerative☐ Cyclone No. _____☐ Elec. Precipitator (ESP) No. _____☐ Catalytic Oxidizer No. _____☐ Dust Suppression System No. _____☐ Nitrogen Oxides Reduction No. _____☐ Venturi Scrubber No. _____☐ Selective☐ Non-Selective☐ Catalytic☐ Non-Catalytic☐ Spray Tower/Packed Bed No. _____☒ Other No. _____Specify: Particulate filter micron☐ Adsorption System No. _____☐ Cartridge/Canister☐ Regenerative**6. Emission Control Equipment Manufacturer Information**Manufacturer: Tri-dim Filter CorporationModel: Tri-Dek # 10**7. Type of Process/Equipment (to be controlled by emission control equipment)**

The Tri-Dek # 10 filters are equipped on the weld line- line 3 to control the particulate emissions from the lacquer spray and curing oven. Based on a MERV rating of 8, control efficiency is estimated to be 35%.

8. Air Pollutants to be Controlled☐ Nitrogen Oxides _____ Control Efficiency☒ Particulate Matter 35% Control Efficiency☐ Carbon Monoxide _____ Control Efficiency☐ Volatile Organic Compounds _____ Control Efficiency☐ Sulfur Oxides _____ Control Efficiency☐ Other (describe): _____ Control Efficiency**9. Maximum Pre-Control Emissions (Pollutant Loading to Emission Control Device)**☐ Nitrogen Oxides _____ pounds/hour☐ Particulate Matter _____ pounds/hour☐ Carbon Monoxide _____ pounds/hour☐ Volatile Organic Compounds _____ pounds/hour☐ Sulfur Oxides _____ pounds/hour☐ Other (describe): _____ pounds/hour**10. Equipment Costs**Capital Cost: \$ NAEstimated Annual Operating Cost: \$ NA

FORM 6
APPLICATION FOR AIR QUALITY PERMIT TO CONSTRUCT
FOR EMISSION CONTROL EQUIPMENT

11. Emission Control Equipment Design Specifications

General Information

Inlet Gas Stream Flow Rate: _____ ACFM
 Inlet Gas Stream Temperature: _____ °F
 Inlet Pressure: _____ in. H₂O

Outlet Gas Stream Flow Rate: _____ ACFM
 Outlet Gas Stream Temperature: _____ °F
 Pressure Drop Range Across System:
 Low _____ in. H₂O to High _____ in. H₂O

For Baghouse/Fabric Filters/Cyclones/ESPs:

Inlet Moisture Content: _____ weight %
 Inlet Dust Loading: _____ grains/ACFD

For ESPs Only:

Type of ESP (wet or dry): Dry

Plate Cleaning System:

- ☐ Water Spray
☐ Rapping
☐ Other (specify: _____)

Describe ESP Operation and Cleaning Process: _____

For Scrubbers:

☐ Dry ☐ Wet
 Scrubbing Liquid Medium
☐ Once Through ☐ Recirculating
 Inlet Scrubber Liquid Feed Rate: _____ gal/min
 Scrubber Liquid Make-up Rate: _____ gal/min
 Scrubber Liquid Recirculation Rate: _____ gal/min
 Scrubbing Liquid Composition _____ and Weight %: _____
 pH Range of Scrubbing Liquid: Low _____ to High _____

For Thermal/Catalytic Oxidizers:

☐ Natural Gas Fired
☐ Propane Fired
☐ Other Fuel (specify: _____)
 No. of Burners _____
 Rated Heat Input _____ MMBtu/hr, per Burner
 Combustion Zone Temperature: _____ °F
 Combustion Chamber Volume: _____ ft³
 Retention Time of Gases: _____ sec at _____ °F

For Catalytic Oxidizers Only:

Type of Catalyst: _____
 Estimated Catalyst Life: _____ years
 Catalyst Cleaning Frequency: _____ months
 Describe Catalyst Activity Testing Procedures and Method of Cleaning: _____

For Adsorption Systems:

☐ Granulated Activated Carbon
☐ Synthetic Adsorbent
☐ Zeolite, Molecular Sieve
☐ Other (specify: _____)
 No. of Beds/Canisters: _____
 Arrangement (if 2 or more beds/canisters):
☐ In Series ☐ In Parallel
 Canister/Bed Replacement Frequency: _____
 Regeneration Cycle Time (if regenerated on-site): _____
 Describe Breakthrough/Saturation Determination Process: _____

For Nitrogen Oxides Reduction Systems:

Catalyst Active Material: _____
 Catalyst Life: _____ years
 Catalyst Volume: _____ ft³
 Catalyst Bed Temperature Range:
 Minimum: _____ °F to Maximum: _____ °F

Reducing Agent Information:

☐ Urea ☐ Anhydrous Ammonia
☐ Aqueous Ammonia _____ weight %
 Reducing Agent Storage Tank Capacity: _____ gallons
 Reducing Agent Injection Rate: _____ pounds per hour
 Reducing Agent Outlet Concentration: _____ ppmv

12. Required Documents (Attach to Form 6 Application)

- ☒ Vendor/Manufacturer Specifications and Guarantees for Emission Control Equipment
☒ Process Flow Diagram including location of emission control equipment and emissions from source to emission point

13. Responsible Party Certification Statement

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

Responsible Party Signature H. Kennard Date 06-12-20

Printed Name and Title Hannah Kennard- EHS Manager

For ARA Use Only

Date Received:	
Date Reviewed:	
Reviewed By:	
ARA Premises Number:	
Associated ARA Registration Number or Numbers:	

ATTACHMENT B

Emission Calculations & Toxics Evaluation

Actual Pollutant Emissions									
Pollutants	Lacquer Spray			Curing Oven			Totals		
	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr
Formaldehyde	0.003	0.018	0.001	0.000	0.000	0.000	0.003	0.018	0.001
2-Butoxyethyl acetate	0.066	0.420	0.035				0.066	0.420	0.035
Cresol	0.005	0.032	0.003				0.005	0.032	0.003
Xylene	0.008	0.051	0.004				0.008	0.051	0.004
MIBK	0.007	0.047	0.004				0.007	0.047	0.004
Benzene	0.001	0.008	0.001	0.000	0.000	0.000	0.001	0.008	0.001
Dichlorobenzene				0.000	0.000	0.000	0.000	0.000	0.000
Hexane				0.000	0.002	0.000	0.000	0.002	0.000
Toluene				0.000	0.000	0.000	0.000	0.000	0.000
Lead				0.000	0.000	0.000	0.000	0.000	0.000
Cadmium				0.000	0.000	0.000	0.000	0.000	0.000
Chromium				0.000	0.000	0.000	0.000	0.000	0.000
Manganese				0.000	0.000	0.000	0.000	0.000	0.000
Nickel				0.000	0.000	0.000	0.000	0.000	0.000
Carbon Dioxide				18.551	118.914	9.910	18.551	118.914	9.910
Methane				0.000	0.002	0.000	0.000	0.002	0.000
Nitrous Oxide				0.000	0.002	0.000	0.000	0.002	0.000

Potential Pollutant Emissions									
Pollutants	Lacquer Spray			Curing Oven			Totals		
	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr
Formaldehyde	0.006	0.035	0.001	0.000	0.000	0.000	0.006	0.035	0.001
2-Butoxyethyl acetate	0.152	0.832	0.035				0.152	0.832	0.035
Cresol	0.012	0.063	0.003				0.012	0.063	0.003
Xylene	0.018	0.101	0.004				0.018	0.101	0.004
MIBK	0.017	0.092	0.004				0.017	0.092	0.004
Benzene	0.003	0.017	0.001	0.000	0.000	0.000	0.003	0.017	0.001
Dichlorobenzene				0.000	0.000	0.000	0.000	0.000	0.000
Hexane				0.000	0.002	0.000	0.000	0.002	0.000
Toluene				0.000	0.000	0.000	0.000	0.000	0.000
Lead				0.000	0.000	0.000	0.000	0.000	0.000
Cadmium				0.000	0.000	0.000	0.000	0.000	0.000
Chromium				0.000	0.000	0.000	0.000	0.000	0.000
Manganese				0.000	0.000	0.000	0.000	0.000	0.000
Nickel				0.000	0.000	0.000	0.000	0.000	0.000
Carbon Dioxide				18.551	101.647	8.471	18.551	101.647	8.471
Methane				0.000	0.002	0.000	0.000	0.002	0.000
Nitrous Oxide				0.000	0.002	0.000	0.000	0.002	0.000

0.208

Methodology

Client provided: 6 days/week and 12 hours work days.

Actual operating days out of the year: (6 days/week)* (52 weeks/year) = 312 operating days a year

Actual lbs/operating day: (pollutant tons/yr) * (2000 lbs/ton) * (312 days/year)

Potential lbs/operating day: (pollutant tons/yr) * (2000 lbs/ton) * (365 days/year)

Actual lbs/hr: (pollutant lbs/operating day) / (12 hours/day)

Potential lbs/hr: (pollutant lbs/operating day) / (24 hours/day)

Actual Pollutant Emissions									
Pollutants	Lacquer Spray			Curing Oven			Totals		
	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr
PM	0.321	1.757	0.073	0.000	0.002	0.000	0.321	1.758	0.073
PM10	-	-	-	0.001	0.008	0.001	0.001	0.008	0.001
PM2.5	-	-	-	0.001	0.008	0.001	0.001	0.008	0.001
SO2	-	-	-	0.000	0.001	0.000	0.000	0.001	0.000
Nox	-	-	-	0.015	0.099	0.008	0.015	0.099	0.008
VOC	0.825	4.522	0.188	0.001	0.005	0.000	0.826	4.528	0.189
CO	-	-	-	0.013	0.083	0.007	0.013	0.083	0.007
Total HAPS	0.090	0.492	0.021	0.001	0.007	0.001	0.091	0.499	0.021
Total GHG	-	-	-	18.551	118.918	9.910	18.551	118.918	9.910

Potential Pollutant Emissions									
Pollutants	Lacquer Spray			Curing Oven			Totals		
	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr	tons/yr	lbs/operating day	lbs/hr
PM	0.750	4.110	0.171	0.000	0.002	0.000	0.750	4.111	0.171
PM10	-	-	-	0.001	0.006	0.000	0.001	0.006	0.000
PM2.5	-	-	-	0.001	0.006	0.000	0.001	0.006	0.000
SO2	-	-	-	0.000	0.001	0.000	0.000	0.001	0.000
Nox	-	-	-	0.015	0.085	0.004	0.015	0.085	0.004
VOC	1.931	10.581	0.441	0.001	0.005	0.000	1.932	10.586	0.441
CO	-	-	-	0.013	0.071	0.003	0.013	0.071	0.003
Total HAPS	0.21	1.140	0.047	0.001	0.007	0.000	0.209	1.146	0.048
Total GHG	-	-	-	18.551	118.918	4.955	18.551	118.918	4.955

Methodology

tons/week and 12 hours work days.

tons/week)* (52 weeks/year) = 312 operating days a year

Amount tons/yr) * (2000 lbs/ton) * (312 days/year)

Potential tons/yr) * (2000 lbs/ton) * (365 days/year)

lbs/operating day) / (12 hours/day)

Potential lbs/operating day) / (24 hours/day)

Permit to Construct
Emissions Calculations
Project Number: KA0349.253
Emissions Calculations
Line 3 Lacquer Spray
VOCs and HAPs Calculations

Unit ID	Maximum Capacity (gals/hr)	Density (lbs/gal)	VOC Content %	Solids Content %	VOC Emissions (lbs/hr)	Actual VOC Emissions (tons/yr)	Potential VOC Emissions (tons/yr)	Actual PM Emissions (tons/yr)	Potential PM Emissions (tons/yr)	Transfer Efficiency
401- Weld Line - Rust Prevention										
Valspar 92X078E	0.04438	7.95	68.30%	31.70%	0.24	0.45	1.06	0.12	0.29	10%
PPG 5085-304B	0.04438	8.58	52.50%	47.50%	0.20	0.37	0.88	0.20	0.46	10%
Nutishield Side Stripe										
0.1944					TOTAL	0.83	1.93	0.32	0.75	

HAP Content

Material	Formaldehyde Content %	2-Butoxyethyl acetate Content %	Cresol Content %	Xylene Content %	MIBK Content %	Benzene Content %
Valspar 92X078E	0.20%	0.00%	0.00%	1.20%	1.10%	0.20%
PPG 5085-304B	0.20%	9.20%	0.70%	0.00%	0.00%	0.00%
Nutishield Side Stripe						

HAP Emissions

HAPs	HAP Emissions (lbs/hr)	Actual Emissions (tons/yr)	Potential Emissions (tons/yr)
Formaldehyde	0.001	0.003	0.006
2-Butoxyethyl acetate	0.035	0.066	0.152
Cresol	0.003	0.005	0.012
Xylene	0.004	0.008	0.018
MIBK	0.004	0.007	0.017
Benzene	0.001	0.001	0.003
TOTAL		0.09	0.21

TAPS are calculated in Attachment B.

Permit to Construct
Emissions Calculations
Project Number: KA0349.253

Emissions Calculations
Line 3 Curing Oven
Natural Gas Combustion Only MMBtu/hr <100

Maximum Heat Input Capacity (MMBtu/hr)	HHV MMBtu MMscf	Potential Throughput MMCF/yr
0.036	1020	0.309

	Pollutant						
	PM*	PM ₁₀ *	direct PM _{2.5} *	SO ₂	NO _x	VOC	CO
Emission Factor (lb/MMcf)	1.9	7.6	7.6	0.6	100	5.5	84
Potential Emissions (tons/yr)	0.000	0.001	0.001	0.000	**see below	0.001	0.013

* PM emission factor is filterable PM only. PM₁₀ emission factor is filterable and condensable PM₁₀ combined.
PM_{2.5} emission factor is filterable and condensable PM_{2.5} combined.
** Emission factors for NO_x: Uncontrolled = 100, Low NO_x Burner = 50, Low NO_x Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu
MMcf = 1,000,000 Cubic Feet of Gas
Emission factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-00s-02, 1-01-00s-02, 1-03-00s-02, and 1-03-00s-03.
Potential Throughput (MMcf/yr) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr ÷ HHV (MMBtu/MMscf)
Potential Emissions (tons/yr) = Potential Throughput (MMcf/yr) x Emission Factor (lb/MMcf) ÷ 2,000 lb/ton

Permit to Construct
Emissions Calculations
Project Number: KA0349.253

Emissions Calculations
Line 3 Curing Oven
Natural Gas Combustion Only MMBtu/hr <100

HAPs - Organics								
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	2-Methylnaphthalene	3-Methylcholanthrene	Acenaphtheneb
Emission Factor (lb/MMcf)	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	2.4E-05	1.8E-06	1.8E-06
Potential Emissions (lbs/hr)	7.41E-08	4.24E-08	2.65E-06	6.35E-05	1.20E-07	8.47E-10	6.35E-11	6.35E-11
Potential Emissions (tons/yr)	3.25E-07	1.86E-07	1.16E-05	2.78E-04	5.26E-07	3.71E-09	2.78E-10	2.78E-10

HAPs - Organics								
	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butane
Emission Factor (lb/MMcf)	1.8E-06	2.4E-06	1.8E-06	1.2E-06	1.8E-06	1.2E-06	1.8E-06	2.1E+00
Potential Emissions (lbs/hr)	6.35E-11	8.47E-11	6.35E-11	4.24E-11	6.35E-11	4.24E-11	6.35E-11	7.41E-05
Potential Emissions (tons/yr)	2.78E-10	3.71E-10	2.78E-10	1.86E-10	2.78E-10	1.86E-10	2.78E-10	3.25E-04

HAPs - Organics									
	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pentane	Phenanthrene	Pyrene
Emission Factor (lb/MMcf)	1.8E-06	1.2E-06	3.0E-06	2.8E-06	1.8E-06	6.1E-04	2.6E+00	1.7E-05	5.0E-06
Potential Emissions (lbs/hr)	6.35E-11	4.24E-11	1.06E-10	9.88E-11	6.35E-11	2.15E-08	9.18E-05	6.00E-10	1.76E-10
Potential Emissions (tons/yr)	2.78E-10	1.86E-10	4.64E-10	4.33E-10	2.78E-10	9.43E-08	4.02E-04	2.63E-09	7.73E-10

Permit to Construct
Emissions Calculations
Project Number: KA0349.253

Emissions Calculations
Line 3 Curing Oven
Natural Gas Combustion Only MMBtu/hr <100

Emission Factor (lb/MMcf)	HAPs - Metals								
	Lead	Cadmium	Chromium	Manganese	Nickel	Arsenic	Barium	Beryllium	Cobalt
Potential Emissions (lbs/hr)	1.76E-08	3.88E-08	4.94E-08	1.34E-08	7.41E-08	7.06E-09	1.35E-07	4.24E-10	2.96E-09
Potential Emissions (tons/yr)	7.73E-08	1.70E-07	2.16E-07	5.87E-08	3.25E-07	3.09E-08	6.80E-07	1.86E-09	1.30E-08

Emission Factor (lb/MMcf)	HAPs - Metals		
	Copper	Mercury	Selenium
Potential Emissions (lbs/hr)	3.00E-08	9.18E-09	8.47E-10
Potential Emissions (tons/yr)	1.31E-07	4.02E-08	3.71E-09

Emission Factor (lb/MMcf)	Greenhouse Gas Emissions		
	CO2	CH4	N2O
Potential Emissions (lbs/hr)	4.24E+00	8.12E-05	7.76E-05
Potential Emissions (tons/yr)	1.86E+01	3.56E-04	3.40E-04

Typical Reportable HAPs

Total HAPs:	0.001
Max HAP:	4.02E-04 Pentane

INPUT DATA Tox-A-Matic 2012

Independent Can -Rosedale
Hannah Kennard
May 22, 2026
12
6
52
yes
0.7
0.08

FILL THIS OUT

Typical hours of emissions per 8-hour work day
Typical days per week of emissions
Typical weeks per year of emissions

Building downwash (default is yes)

Screen3 or AERSCREEN model run maximum concentration (ug/m3) from a 1 lb/hr emission rate
8-hour multiplier (default is 0.7)
Annual multiplier (default is 0.08)

VOC & Material Usage
1.94 VOC (ton / year)
12.44 VOC (pounds / day)
777.54 Gallons / year

ALL THE MATERIALS USED

Only if you use it

Coating	Weight per gallon of coating (pounds)	Quantity used per year (gallons)	VOC		Pounds per gallon (3.2-3.25)	C.A.S. #	Percentage by weight of this CAS # (12-12%)	TAP Name (CAS # name)	VOC	
			Percentage (3.2-3.25)	Percentage (3.2-3.25)					TAP (lb-yr)	(lb-yr)
Valspar 92X078E	7.95	388.7688	68.3	5.42985	123864	26.6	BUTYL ACETATE	822.129304	2110.9563	
					111762	13	2-BUTOXYETHANOL (EGBE)	401.7925548		
					78931	12.3	2-BUTANONE (MEK)	380.1575711		
					71363	7	n-Butanol	216.3498372		
					108101	1.1	METHYL ISOBUTYL KETONE	33.99783156		
					50000	0.2	FORMALDEHYDE	6.18142392		
					100414	0.2	ETHYL BENZENE	6.18142392		
Nutrishield Side Stripe	8.68	388.7688	52.3	4.479748	111762	11.3	2-BUTOXYETHANOL (EGBE)	398.1925557	1771.6194	
					100636	11.3	ACETIC ACID 2-METHOXY-1-ME	384.694503		
					112072	9.2	ETHYLENE GLYCOL MONOMETH	310.4552129		
					71363	9.1	n-Butanol	107.0806997		
					107982	3.1	PROPYLENE GLYCOL MONOMETH	104.6099087		
					64742956	2.6	Naphtha	87.73734278		
					95636	1.9	PSEUDOCUMENE	64.11575905		
					50000	0.2	FORMALDEHYDE	6.749026368		
					110634	0.5	1,4-BUTANEDIOL	16.87256592		
					1319773	1.3	CRESOL	43.86867139		
					110634	1	1,4-BUTANEDIOL	33.74513184		
					108678	0.3	MESITYLENE	10.12353955		

TAP EMISSIONS QUANTIFICATION

Tox-A-Matic 2012
pendent Can -Rosedale
Hannah Kennard
46164

12 Typical hours of emissions per 8-hour work day
6 Typical days per week of emissions
52 Typical weeks per year of emissions

yes Building downwash (default is yes)

0 Screen3 or AERSCREEN model run maximum concentration (ug/m3) from a 1 lb/hr emission rate
0.7 8-hour multiplier (default is 0.7)
0.08 Annual multiplier (default is 0.08)

HAP 10/25
0.16 Highest individual (ton / year)
0.20 Total (ton / year)

Right Click
"Refresh Data"

Sum of TAP (lb/yr)	TAP Name
CAS #	Total
50000	12.93045029 FORMALDEHYDE
123864	822.1293814 BUTYL ACETATE
111762	799.9851105 2-BUTOXYETHANOL (EGBE)
78933	380.1575711 2-BUTANONE (MEK)
71363	523.4305369 n-Butanol
108101	33.99783156 METHYL ISOBUTYL KETONE
100414	6.18142392 ETHYL BENZENE
108656	384.694503 ACETIC ACID, 2-METHOXY-1-METHYLETHYL ESTI
112072	310.4552129 ETHYLENE GLYCOL MONOBUTYL ETHER ACETA
107982	104.6099087 PROPYLENE GLYCOL MONOMETHYL ETHER
64742956	87.73734278 Naphtha
95636	64.1157505 PSEUDOCUMENE
110634	50.61769776 1,4-BUTANEDIOL
1319773	43.86867139 CRESOL
108678	10.12353955 MESITYLENE

Emissions		Control		Controlled		Screening Levels			Exempt	HAP QTY lb/yr	Bomb		
Uncontrolled	lb/yr	lb/hr	Multiplier	lb/yr	lb/hr	1-hour	8-hour	Annual			1-hour	8-hour	Annual
lb/yr	lb/hr			lb/yr	lb/hr	ug/m3	ug/m3	ug/m3					
26.11.15.016(5)													
12.93045	0.003454	1	1	12.93045	0.003454			20.3	0.08	12.93			
822.1294	0.219586	1	1	822.1294	0.219586	9501.8405	7126.3804						
799.9851	0.213671	1	1	799.9851	0.213671			966.62577					
380.1576	0.101538	1	1	380.1576	0.101538	8846.6258	5897.7505						
523.4305	0.139805	1	1	523.4305	0.139805			606.29857					
33.99783	0.009081	1	1	33.99783	0.009081	3072.3926	819.3047			34.00			
6.181424	0.001651	1	1	6.181424	0.001651			868.38446		6.18			
384.6945	0.10275	1	1	384.6945	0.10275			349.812					
310.4552	0.082921	1	1	310.4552	0.082921			1310.4294		310.46			
104.6099	0.027941	1	1	104.6099	0.027941	5528.8344	3685.8896						
87.73734	0.023434	1	1	87.73734	0.023434								
64.11575	0.017125	1	1	64.11575	0.017125			1800					
50.6177	0.01352	1	1	50.6177	0.01352			28.868					
43.86867	0.011717	1	1	43.86867	0.011717			200		43.87			
10.12354	0.002704	1	1	10.12354	0.002704			2.4					

1-HOUR SCREENING ANALYSIS

Tox-A-Matic 2012
Independent Can -Rosedale
Hannah Kennard
46164

12 Typical hours of emissions per 8-hour work day
6 Typical days per week of emissions
52 Typical weeks per year of emissions

yes Building downwash (default is yes)

0 Screen3 or AERSCREEN model run maximum concentration (ug/m3) from a 1 lb/hr emission rate

CAS

Name

Emissions Controlled lb/hr	Screening Level ug/m3	Exempt	Small Emitter 1	AER	Screen 3 or AERSCREEN				Bomb
					Impact ug/m3	Small Emitter 2	% screen Level	Pass?	

26.11.15.01B(5) 26.11.15.03B(3) 26.11.16.02A(4) 26.11.15.03B(4)

50000	FORMALDEHYDE	0.003454							
123864	BUTYL ACETATE	0.219586	9501.8405		pass	pass			
111762	2-BUTOXYETHANOL (EGBE)	0.213671							
78933	2-BUTANONE (MEK)	0.101538	8846.6258		pass	pass			
71363	n-Butanol	0.139805							
108101	METHYL ISOBUTYL KETONE	0.009081	3072.3926		pass	pass			
100414	ETHYL BENZENE	0.001651							
108656	ACETIC ACID, 2-METHOXY-1-ME	0.10275							
112072	ETHYLENE GLYCOL MONOBUTY	0.082921							
107982	PROPYLENE GLYCOL MONOMET	0.027941	5528.8344		pass	pass			
64742956	Naphtha	0.023434							
95636	PSEUDOCUMENE	0.017125							
110634	1,4-BUTANEDIOL	0.01352							
1319773	CRESOL	0.011717							
108678	MESITYLENE	0.002704							

8-HOUR SCREENING ANALYSIS

Tox-A-Matic 2012
Independent Can -Rosedale
Hannah Kennard
46164

12 Typical hours of emissions per 8-hour work day
6 Typical days per week of emissions
52 Typical weeks per year of emissions

yes Building downwash (default is yes)

0 Screen3 or AERSCREEN model run maximum concentration (ug/m3) from a 1 lb/hr emission rate
0.7 8-hour multiplier (default is 0.7)

CAS	Name	Emissions Controlled lb/hr	Screening Level ug/m3	Exempt	Small Emitter 1	AER	Screen 3 or AERSCREEN				Bomb
							Impact ug/m3	Small Emitter 2	% screen Level	Pass?	
				26, 11, 15, 01B(5)	26, 11, 15, 03B(3)	26, 11, 16, 02A(4)			26, 11, 15, 03B(4)		
50000	FORMALDEHYDE	0.003454	20.3			pass				pass	
123864	BUTYL ACETATE	0.219586	7126.3804		pass	pass				pass	
111762	2-BUTOXYETHANOL (EGBE)	0.213671	966.62577		pass	pass				pass	
78933	2-BUTANONE (MEK)	0.101538	5897.7505		pass	pass				pass	
71363	n-Butanol	0.139805	606.29857		pass	pass				pass	
108101	METHYL ISOBUTYL KETONE	0.009081	819.3047		pass	pass				pass	
100414	ETHYL BENZENE	0.001651	868.38446		pass	pass				pass	
108656	ACETIC ACID, 2-METHOXY-1-ME	0.10275	349.812		pass	pass				pass	
112072	ETHYLENE GLYCOL MONOBUTY	0.082921	1310.4294		pass	pass				pass	
107982	PROPYLENE GLYCOL MONOMET	0.027941	3685.8896		pass	pass				pass	
64742956	Naphtha	0.023434									
95636	PSEUDOCUMENE	0.017125	1800		pass	pass				pass	
110634	1,4-BUTANEDIOL	0.01352	28.868			pass				pass	
1319773	CRESOL	0.011717	200			pass				pass	
108678	MESITYLENE	0.002704	2.4			pass				pass	

ANNUAL SCREENING ANALYSIS

Tox-A-Matic 2012
Independent Can -Rosedale
Hannah Kennard
46164

12 Typical hours of emissions per 8-hour work day
6 Typical days per week of emissions
52 Typical weeks per year of emissions

yes Building downwash (default is yes)

0 Screen3 or AERSCREEN model run maximum concentration (ug/m3) from a 1 lb/hr emission rate
0.08 Annual multiplier (default is 0.08)

CAS

Name

Emissions Controlled lb/yr	Screening Level ug/m3	Small Emitter 1	AER	Screen 3 or AERSCREEN Impact ug/m3	% screen Level	Pass?	Bomb
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26.11.15.03B(3) 26.11.15.02A(4)

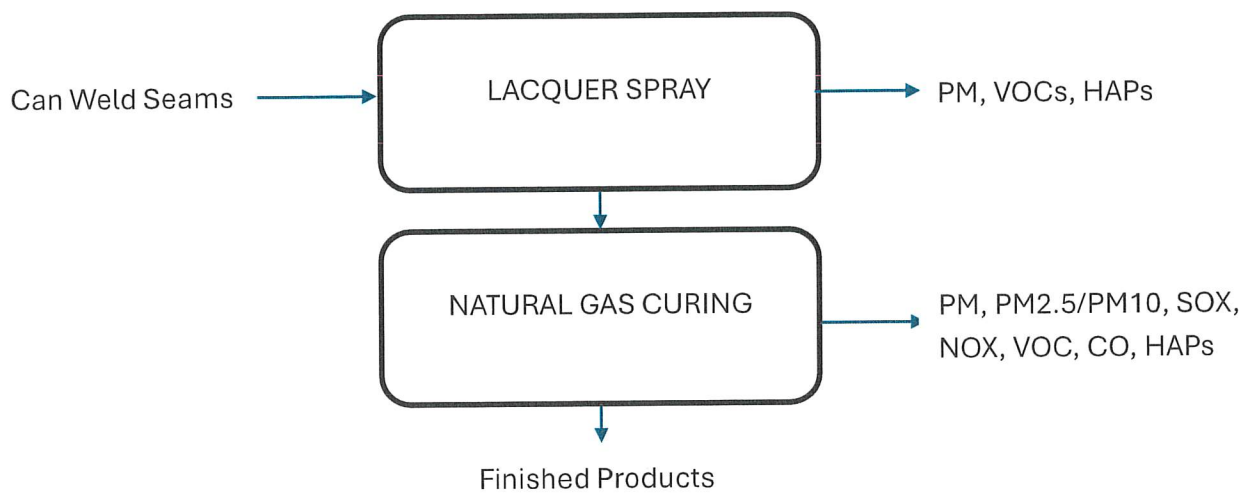
50000	FORMALDEHYDE	12.93045	0.08	pass			
123864	BUTYL ACETATE	822.1294					
111762	2-BUTOXYETHANOL (EGBE)	799.9851					
78933	2-BUTANONE (MEK)	380.1576					
71363	n-Butanol	523.4305					
108101	METHYL ISOBUTYL KETONE	33.99783					
100414	ETHYL BENZENE	6.181424					
108656	ACETIC ACID, 2-METHOXY-1-ME	384.6945					
112072	ETHYLENE GLYCOL MONOBUTY	310.4552					
107982	PROPYLENE GLYCOL MONOMET	104.6099					
64742956	Naphtha	87.73734					
95636	PSEUDOCUMENE	64.11575					
110634	1,4-BUTANEDIOL	50.6177					
1319773	CRESOL	43.86867					
108678	MESITYLENE	10.12354					

ATTACHMENT C

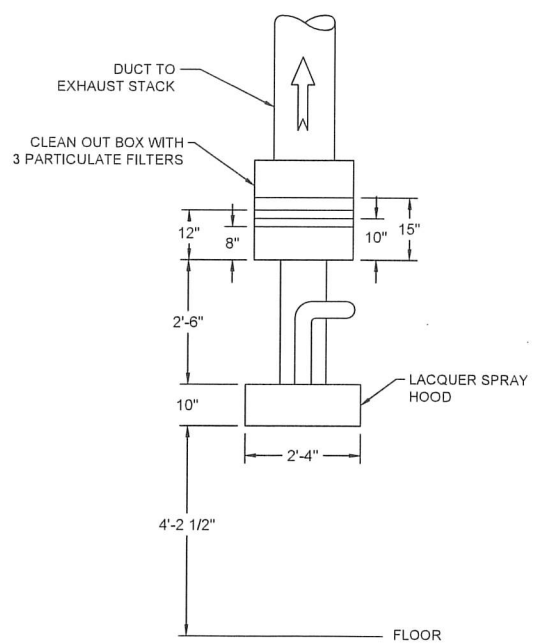
Process Flow Diagram

PROCESS FLOW DIAGRAMS

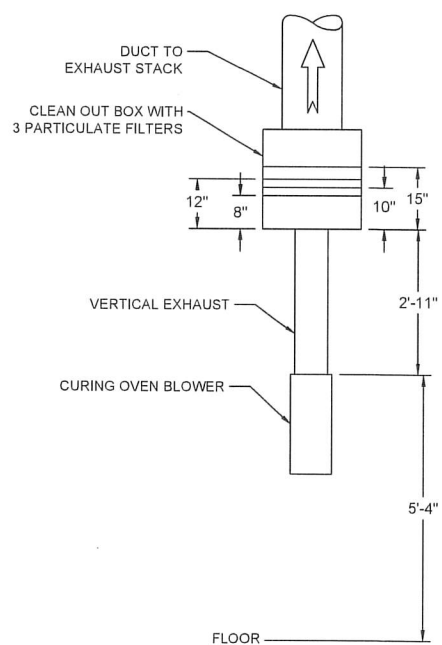
401 LINE 3



LACQUER SPRAY FILTERS



CURING OVEN FILTERS



ATTACHMENT D

Manufacturer's Specifications

The PRECISION TOOLS GHS CURING SYSTEM is the ideal heating unit to cure lacquer and powder materials on welded cans with seam position on the top.

The curing system is designed to heat up in a continuous manner the side stripe of powder or lacquer protected can bodies.

The GHS curing unit is a modular design and can be delivered in various length, depending on the welding speed and on the quality of the can body requirements.

The system consists of hot air nozzles heating the can which is conveyed smoothly on a magnetic belt conveyor.

The heat and solvent resistant conveyor belt ensures a very smooth conveyance of the can body without twisting or turning.

Each hot air nozzle is separately ignited and flame protected in accordance with international safety regulations.

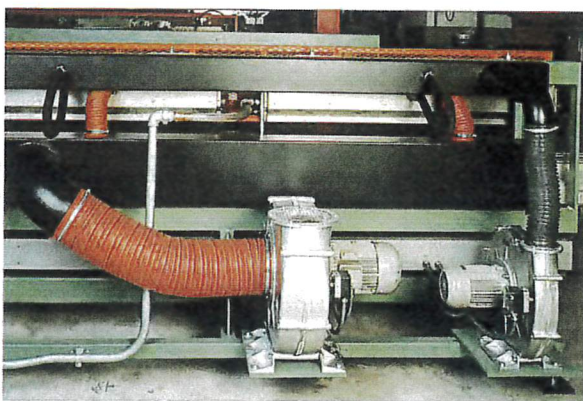
The nozzles are fed from the combustion equipment with a stoichiometric air/gas mixture which can be regulated for each nozzle independently.

The solvents and fumes are removed through exhaust channels on the hot air nozzles which in turn may be connected to your own factory exhaust system.

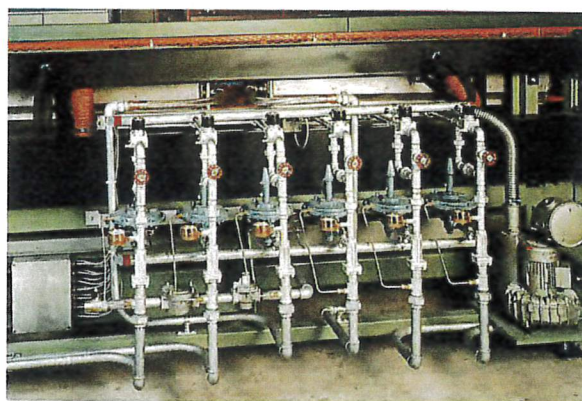
The system ensures a tin reflow of approximately 25 mm width.

Diameter changes may be accomplished within a few minutes. (With an optional centralized adjusting device.)

The curing system does not need any change parts for its range when changing diameters.



Solvent extraction system



Individual heat regulation

TECHNICAL DATA OF «GHS» CURING SYSTEMS							
					TOP WELD		
Model	Number of burners	Type of burners	Active length of curing	Water cooling requirements	Gas consumption (propane)	Power consumption including fume and solvent exhaust	Diameter range
GHS 3	2	AF 150	3 meter	2000–3000 kcal/h 8000–12000 BTU	1,2 kg/h	5 kW	52–165 mm (202–607)
GHS 6	4	AF 150	6 meter	4000–6000 kcal/h 16000–24000 BTU	2,3 kg/h	6 kW	
GHS 9	6	AF 150	9 meter	6000–9000 kcal/h 24000–36000 BTU	3,5 kg/h	7 kW	
GHS 12	8	AF 150	12 meter	8000–12000 kcal/h 32000–48000 BTU	4,7 kg/h	8 kW	

PRECISION TOOLS LTD.
Breitenhofstrasse 7
CH-8630 Rüti/Switzerland
Tel. 055/31 78 78 / 33 11 91
Telex 875784 PWR CH
Fax 055/318197

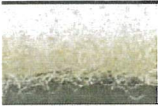


Nordson Corporation, 555 Jackson Street
P.O. Box 151, Amherst, Ohio 44001.
Tel.: 216 988 9411

Tri-Dek®

Pads and Bulk Rolls

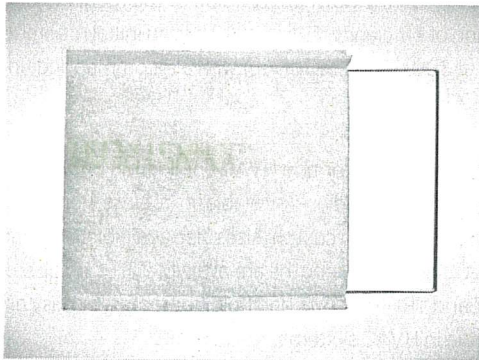
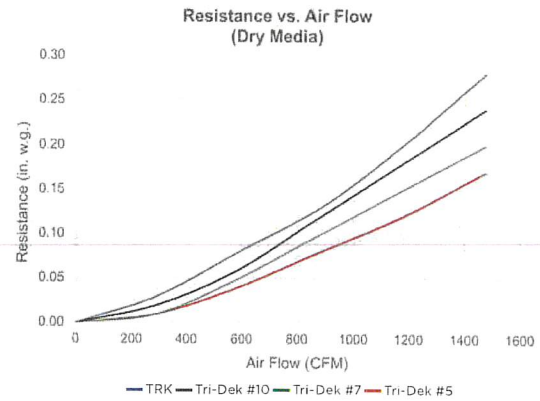
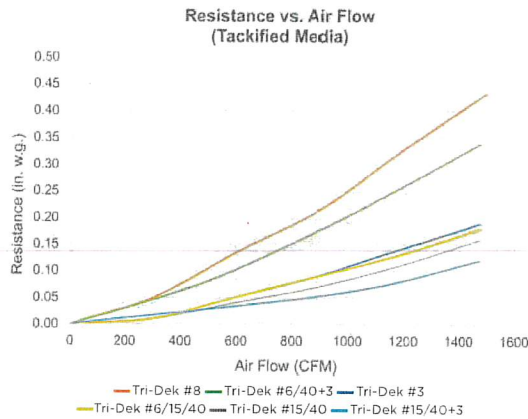
MANN+HUMMEL offers a variety of high-quality air filtration media that is available in pads and bulk rolls. Each variation of Tri-Dek Series media has been engineered to ensure maximum value and cost savings for end-users. Our Tri-Dek Series pads are pre-cut pads that can be ordered in custom sizes or as standard filter sizes based on your application needs. Our bulk media rolls are available in select slit widths and lengths impacted by the manufacturing process. For a details list of all available Tri-Dek Series media bulks rolls and pads, please contact your local sales representative.

Model	Number of Plys	Thickness	MERV	Initial Resistance	Material	Color	Specifications
 TRI-DEK #3	1	¼"	5	0.14 300 FPM	Tackified media	White	Antimicrobial treatment optional
 TRI-DEK #5	1	½"	5	0.12 300 FPM	Dry media	Blue/White	General purpose filter media
 TRI-DEK #7	1	1"	5	0.15 300 FPM	Dry media	Blue/White	General purpose filter media
 TRI-DEK #8	2	1-¼"	8	0.33 300 FPM	Tackified media	Orange/White	General purpose filter media
 TRI-DEK #10	1	2"	6	0.18 300 FPM	Dry media	Blue/White	General purpose filter media
 TRI-DEK #15/40	2	1"	5	0.11 300 FPM	Tackified media	Green/White	-
 TRI-DEK #6/15/40	3	1-¼"	5	0.13 300 FPM	Tackified media	Green/White	-
 TRI-DEK #15/40+3	3	1-¼"	8	0.46 500 FPM	Tackified media	White/Green/White	Antimicrobial treatment optional
 TRI-DEK #6/15/40+3	4	1-½"	9	0.50 300 FPM	Tackified media	White/Green/White	Antimicrobial treatment optional
 TRK	2	½"	6	0.20 300 FPM	Dry Media	Red/Purple	Designed for Repeated Cleaning -

TRI-DEK® PADS & BULK ROLLS

TECHNICAL DATA

TRI-DEK® PADS & BULK ROLLS



Tri-Dek® sleeve filters

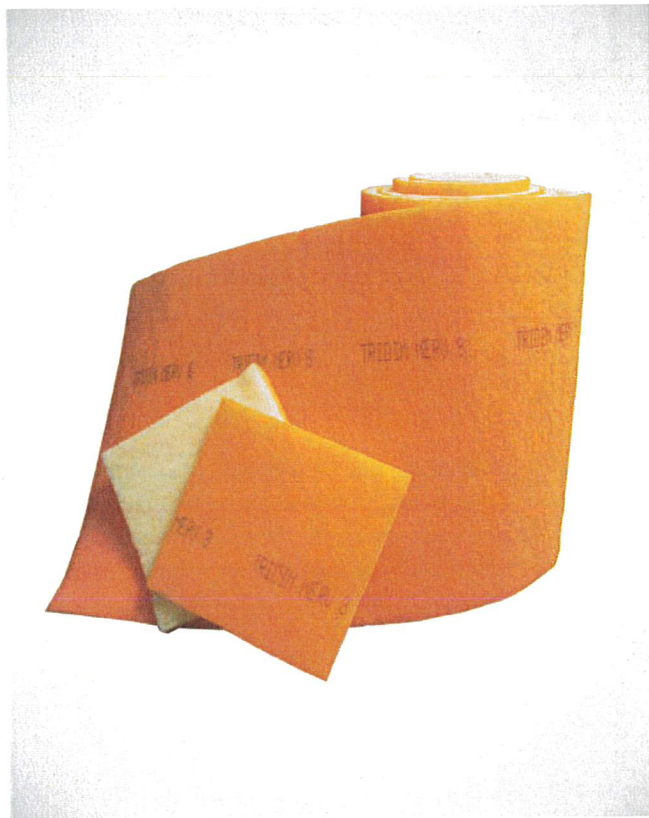
TRI-DEK® SLEEVE FILTERS

Tri-Dek® sleeve filters offer an economical upgrade for fiberglass disposable filters. Tri-Dek® sleeve filters are comprised of a replaceable two-ply heat sealed media sleeve that is pulled over a permanent reusable galvanized wire frame. Replacement media is available in convenient precut pads or economical bulk rolls. Antimicrobial treatment is available as an option.

MANN+HUMMEL is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria – there can be a $\pm 5\%$ variance in filter performance.

LOCAL REPRESENTATIVE

TRI-DEK® #8 Media Pads and Bulk Rolls



MERV 8 MEDIA OFFERED IN BULK ROLLS AND PADS

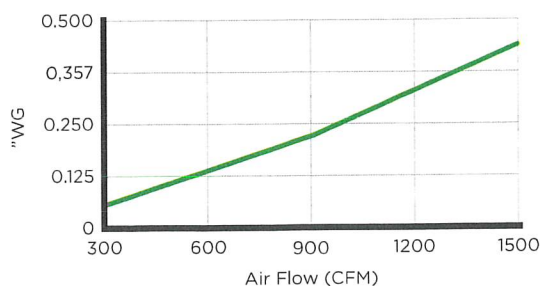
Tri-Dim Filter Corporation is proud to offer a solution to LEED requirements for a MERV 8 filter at each return grille during construction or major renovation projects¹. TRI-DEK #8 offers MERV 8 efficiency in the convenience and economy of bulk media rolls and pads. Media pads and rolls can be retrofitted to return grilles easier than traditional MERV 8 filters.

TRI-DEK #8 media is constructed of two plies of polyester fibers and is 1-1/4" (32mm) thick with a non-migrating tackifier. The TRI-DEK #8 media is stenciled with "MERV 8" on the downstream side of the media to offer easy visual confirmation of efficiency. TRI-DEK #8 has an initial resistance of 0.33" W.G. (82 PA) at 300 FPM (1.52 m/sec) with a recommended final resistance of 1.0" W.G. (249 PA).

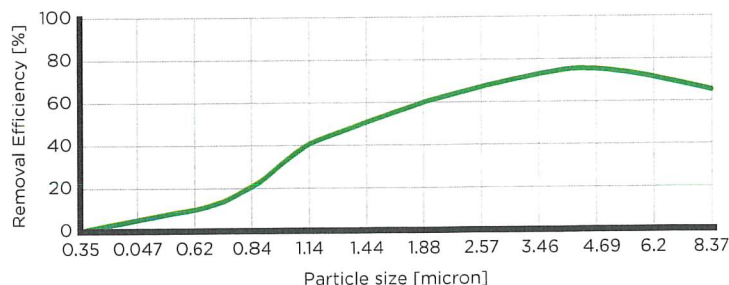
TRI-DEK #8 is an excellent choice for any HVAC application offering unsurpassed efficiency in a bulk media – available in a large number of standard size rolls and cut pads with custom sizes also available. Standard roll lengths are 90 feet, custom roll lengths are available. Tri-Dim also offers the TRI-MET TMZ and TRI-MET TMT pad holding frames for easy and secure use of pad media in HVAC systems.

TRI-DEK #8 offers an innovative, cost-effective solution to the LEED requirements.

AIR FLOW VS. RESISTANCE (CLEAN FILTER)



COMPOSITE MINIMUM PARTICLE SIZE EFFICIENCY



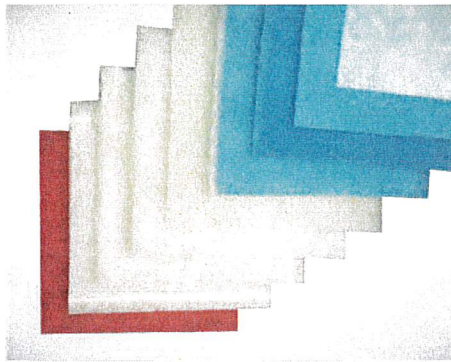
¹ = LEED Green Building Rating System For New Construction & Major Renovations, Version 2.2

TRI-DEK® Other Medias

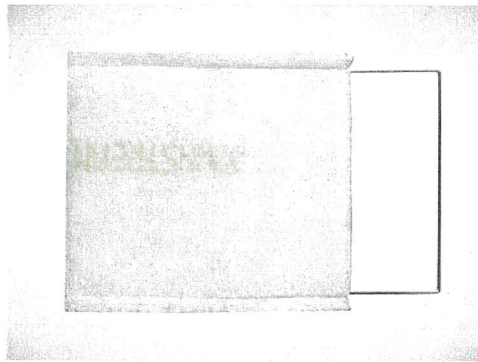
Technical Data

ADDITIONAL TRI-DEK® MEDIAS

Model	Number of Plys	Thickness	Material	Color	Specifications
TRI-DEK #3	1	¼"	Tackified Media	White	Antimicrobial Treatment optional
TRI-DEK #5	1	½"	Dry Media	Blue/White	General Purpose Filter Media
TRI-DEK #7	1	1"	Dry Media	Blue/White	General Purpose Filter Media
TRI-DEK #10	1	2"	Dry Media	Blue/White	General Purpose Filter Media
TRI-DEK #15/40	2	1"	Tackified Media	Green/White	-
TRI-DEK #6/15/40	3	1-¼"	Tackified Media	Green/White	-
TRI-DEK #15/40+3	4	1-¼"	Tackified Media	White/Green/White	Antimicrobial Treatment optional
TRI-DEK #6/40+3		1-½"	Tackified Media	White/Green/White	Antimicrobial Treatment optional
TRK	2	½"	Dry Media	Red/Purple	Designed for Repeated Cleaning – Specialty Media



TRI-DEK® Medias



TRI-DEK® Sleeve Filters

TRI-DEK® SLEEVE FILTERS

TRI-DEK Sleeve Filters – offers an economical upgrade for fiberglass disposable filters. TRI-DEK Sleeve filters are comprised of a replaceable two-ply heat sealed media sleeve that is pulled over a permanent reusable galvanized wire frame. Replacement media is available in convenient precut pads or economical bulk rolls. Antimicrobial treatment is available as an option.

Tri-Dim Filter Corporation is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria – there can be a ±5% variance in filter performance.

LOCAL REPRESENTATIVE

ATTACHMENT E

Safety Data Sheets



PPG Industries Inc
VOC DATA SHEET

Coating Identification:

PPG5085-304B NUTRISHIELD™ SIDE STRIPE

1. Coating Density (D_c)_s:

ASTM D1475

8.58 lb./gal. 1.03 kg/l

2. Total Volatiles (W_v)_s:

(H₂O included)

ASTM D2369

a. 52.5 Weight Percent

b. 59.8 Volume Percent

3. Total Volatiles: a. (W_o)_s

(less H₂O)

a. 52.5 Weight Percent

b. 59.8 Volume Percent

4. Water Content: a. (W_w)_s

b. (V_x)_s

a. 0 Weight Percent

b. 0 Volume Percent

5. VOC Content:

and Density (Weight VOC/vol. solids):

4.5 lbs/gal less water .54 kg/l less water

11.2 lbs/gal solids 1.34 kg/l solids

6. Coating Solids (Non Volatile):

b. (V_N)_s

a. 47.5 Weight Percent

b. 40.2 Volume Percent

Remarks:

Signed Andrea Chiodo

Date 12/11/2023

E309144

PPG5085-304B NUTRISHIELD™ SIDE STRIPE
Chemical Composition of Individual Volatiles

CAS #	Volatile	Weight %	Absolute Wt. %	Volume %	Specific Gravity	Density Lbs./Gal.	HAPS	SARA 302	SARA 313
<u>111-76-2</u>	<u>2-Butoxyethanol</u>	<u>22.5</u>	<u>11.8</u>	<u>22.6</u>	<u>0.899</u>	<u>7.51</u>	<u>No</u>	<u>No</u>	<u>Yes</u>
<u>108-65-6</u>	<u>Propylene glycol monomethyl ether acetate</u>	<u>21.8</u>	<u>11.4</u>	<u>20.5</u>	<u>0.961</u>	<u>8.03</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>112-07-2</u>	<u>2-Butoxyethyl acetate</u>	<u>17.6</u>	<u>9.2</u>	<u>16.9</u>	<u>0.939</u>	<u>7.84</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>
<u>71-36-3</u>	<u>1-Butanol</u>	<u>17.4</u>	<u>9.1</u>	<u>19.4</u>	<u>0.809</u>	<u>6.76</u>	<u>No</u>	<u>No</u>	<u>Yes</u>
<u>107-98-2</u>	<u>Propylene glycol monomethyl ether</u>	<u>6.0</u>	<u>3.1</u>	<u>5.9</u>	<u>0.919</u>	<u>7.68</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>64742-95-6</u>	<u>Solvent naphtha, petroleum, light aromatic</u>	<u>5.0</u>	<u>2.6</u>	<u>5.2</u>	<u>0.877</u>	<u>7.33</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>95-63-6</u>	<u>1,2,4-Trimethylbenzene</u>	<u>3.6</u>	<u>1.9</u>	<u>3.7</u>	<u>0.879</u>	<u>7.34</u>	<u>No</u>	<u>No</u>	<u>Yes</u>
<u>620-14-4</u>	<u>3-Ethyltoluene</u>	<u>2.7</u>	<u>1.4</u>	<u>2.8</u>	<u>0.859</u>	<u>7.18</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>1319-77-3</u>	<u>Cresol, all isomers</u>	<u>1.3</u>	<u>0.7</u>	<u>1.2</u>	<u>1.031</u>	<u>8.61</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>
<u>110-63-4</u>	<u>1,4-Butanediol</u>	<u>1.0</u>	<u>0.5</u>	<u>0.9</u>	<u>1.016</u>	<u>8.49</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>108-67-8</u>	<u>1,3,5-Trimethylbenzene</u>	<u>0.6</u>	<u>0.3</u>	<u>0.6</u>	<u>0.859</u>	<u>7.18</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>50-00-0</u>	<u>Formaldehyde</u>	<u>0.4</u>	<u>0.2</u>	<u>0.4</u>	<u>1.089</u>	<u>9.10</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
	TOTAL:	<u>100</u>	<u>52.5</u>	<u>100</u>					
					Pounds of organic HAPS per gallon of coating:	<u>2.17</u>			
					Percent of organic HAPS (VHAP)	<u>10.2%</u>			

Trace constituents present at levels less than 0.1% by weight are not included.

Date 12/11/2023 Signed Andrea Chiodo
E309144

DATA BASED ON FORMULATION

VOLATILE COMPOSITION REPORT

Product Code: 92X078E

CAS Number	Component	Weight Percent	Weight/ Gallon	HAP
123-86-4	BUTYL ACETATE	26.6	7.35	
111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	13.0	7.51	
78-93-3	METHYL ETHYL KETONE	12.3	6.71	
71-36-3	BUTANOL	7.0	6.75	
108-65-6	PROPYLENE GLYCOL MONO METHYL ETHER ACETATE	5.7	8.06	
1330-20-7	XYLENE	1.2	7.23	✓
108-10-1	METHYL ISOBUTYL KETONE	1.1	6.68	✓
64-17-5	ETHANOL	1.0	6.58	
100-41-4	BENZENE, ETHYL	0.2	7.25	✓
50-00-0	FORMALDEHYDE	0.2	6.83	✓

SUM: 68.3

Lbs HAP per gallon of solids: 0.86

HAP Total Weight%: 2.7

5/12/2026

ATTACHMENT F

Certificate of Liability Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/21/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Riggs, Counselman, Michaels & Downes, Inc. 4 North Park Drive, Suite 500 Hunt Valley MD 21030	CONTACT NAME: Rebecca Gierczak GAU25W		
	PHONE (A/C No. Ext): 410-339-7263	FAX (A/C No): 410-339-7234	
	E-MAIL ADDRESS: rgierczak@rcmd.com		
INSURED Independent Can Company 1300 Brass Mill Road Belcamp MD 21017	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Travelers Indemnity Company		25658
	INSURER B: Zurich American Insurance Company of II		27855
	INSURER C: American Guarantee and Liability Ins Co		26247
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES**CERTIFICATE NUMBER:** 407061840**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:			GLA515629000	11/15/2025	10/1/2026	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
B	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			GLA515629000	11/15/2025	10/1/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION \$			AUC5156629700	11/15/2025	10/1/2026	EACH OCCURRENCE	\$ 10,000,000
							AGGREGATE	\$ 10,000,000
								\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC515629200	11/15/2025	10/1/2026	☒ PER STATUTE ☐ OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
A	Excess Umbrella (excess of \$10m)			EXC1019752	11/15/2025	10/1/2026	Limit	\$15,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
General proof of coverage

CERTIFICATE HOLDER**CANCELLATION**

.Specimen

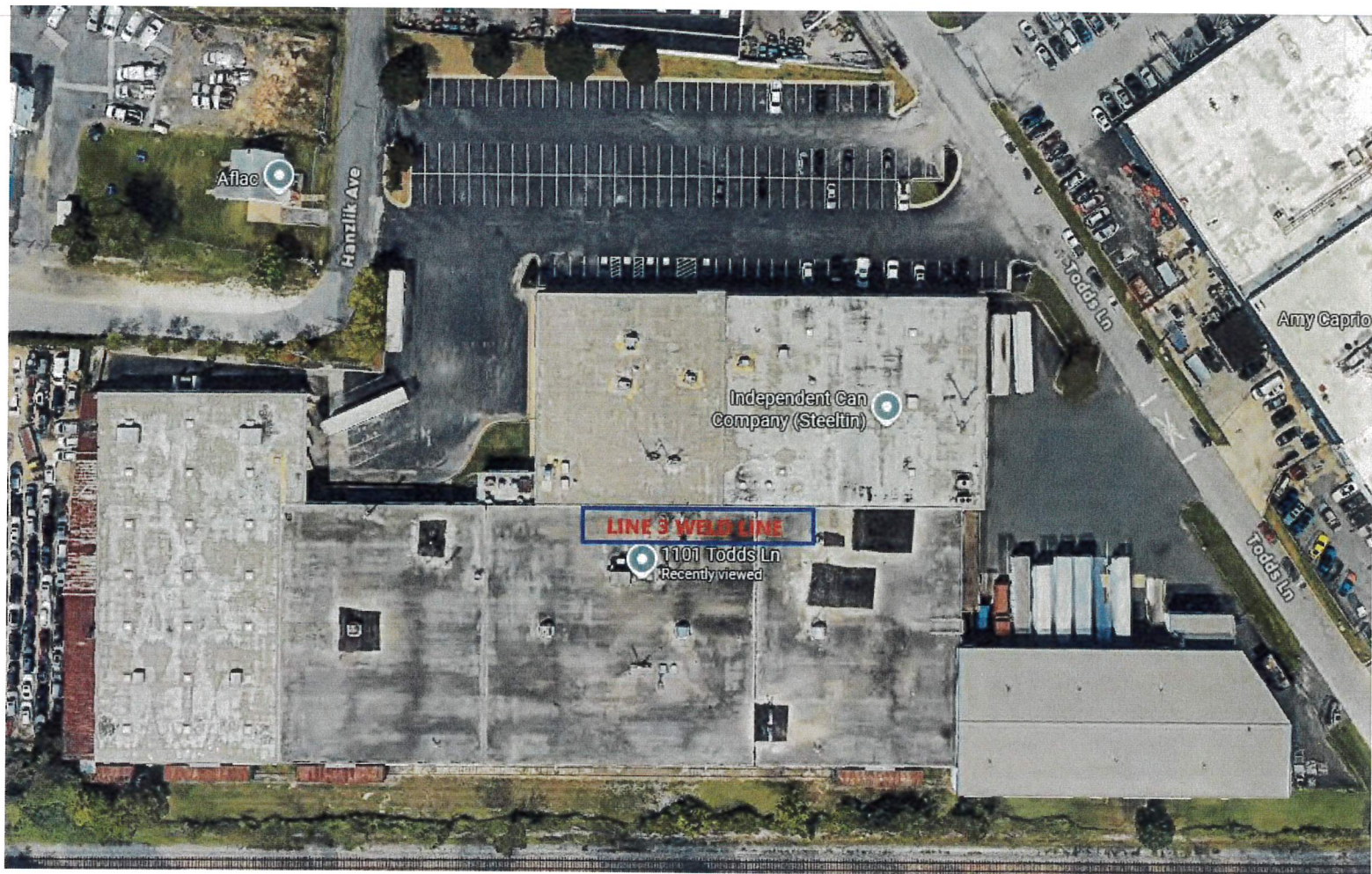
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ATTACHMENT G

Source Location Map/Site Plan



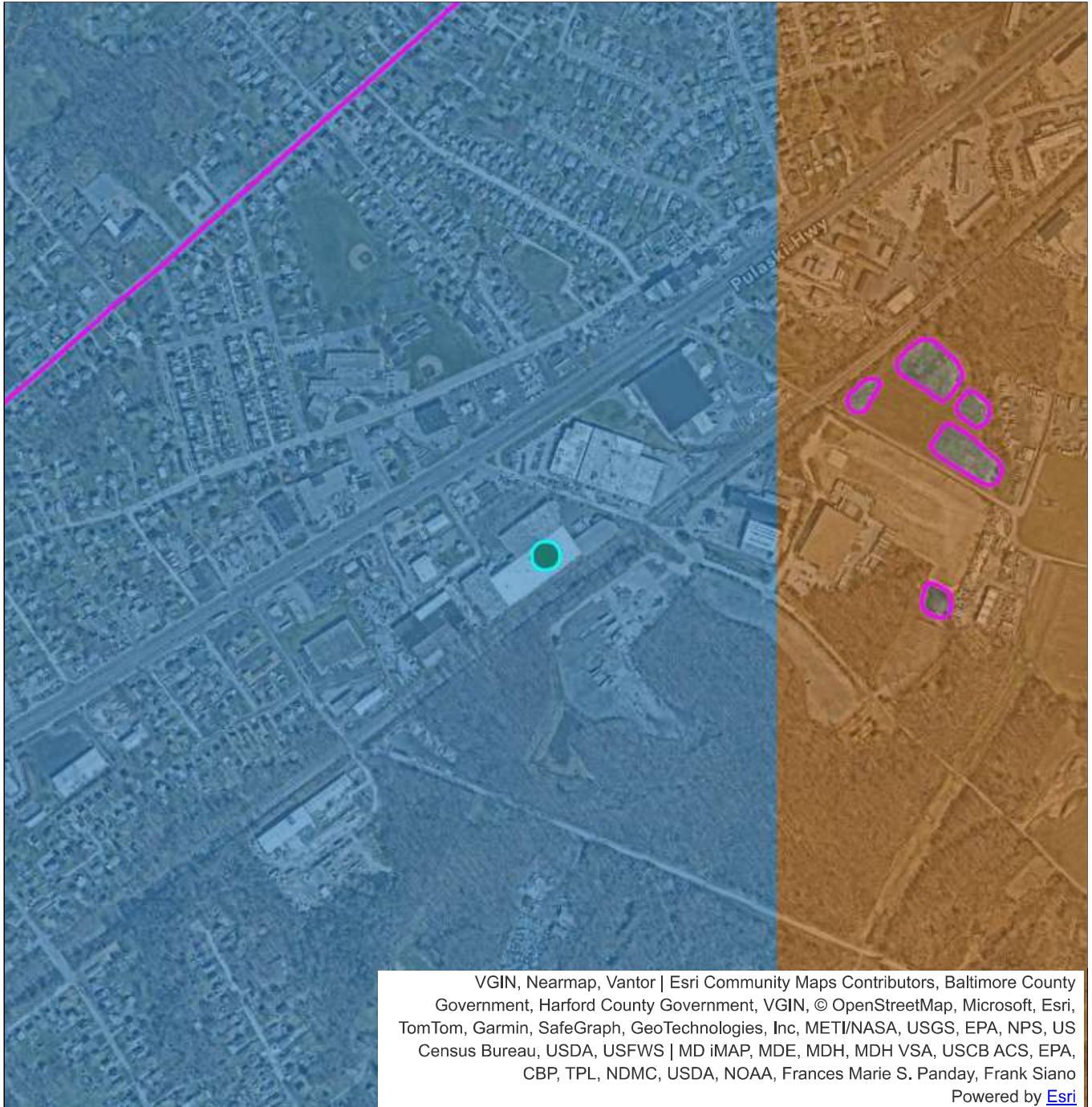


Independent Can Rosedale Enviroscreen

Area of Interest (AOI) Information

Area:

Date: Wed Jun 17 2026 10:01:21 GMT-0400 (Eastern Daylight Time)



Maryland EJ Score (Right)

Percentile by 2020 Census Tract

≥ 75 – 100

> 50 – 75

> 25 – 50

0 – 25

Overburdened and Underserved* (Left)

Community Status

Overburdened and Underserved

Only Overburdened

Only Underserved

EJ Summary | Total count: 1

#	EJ Score	Overburdened Community	Overburdened Factors ≥75th Percentile
1	99.50	1	14



KATHERINE A. KLAUSMEIER
County Executive

C. PETE GUTWALD, AICP
*Director, Department of Permits,
Approvals and Inspections*

June 29, 2026

August Mack
941 Wheatland Avenue
Suite 401
Lancaster, PA 17603
Attention: Hannah Kennard

RE: Zoning Verification for 1101 Todds Lane
Independent Can Company
MD State Tax Acct. #: 15-19-712380
15th Election District

To Whom It May Concern:

Your letter to the Director of Permits, Approvals and Inspections has been referred to me for reply. Based on the information contained in your letter and the BCZR (Baltimore County Zoning Regulations) the following has been determined.

The above subject property is currently zoned ML-IM (Manufacturing Light with an Industrial Major overlay) per the official Baltimore County Zoning Map 089C3 (copy of GIS map enclosed). For the complete list of uses and restrictions please visit our website at www.baltimorecountymd.gov.

Use of the property as a "metal can manufacture operation" is a permitted use by right in the ML-IM zone.

The Division of Code Inspections and Enforcement has indicated that there are no known current zoning citations cases associated with the address referenced above. For all building and fire code questions contact John Bryan at 410-887-3987.

Please be advised that provided the property was developed and occupied in accordance with Baltimore County approved permit plans and all current uses adhere to the requirements of the BCZR, the present use of the site does not violate applicable zoning ordinances.

Pursuit to Section 104 & 305 of the BCZR, any structure damaged to any extent or destroyed by fire or other such casualty may be restored within two years after any such destruction. In the event that the building is non-conforming, then the structure can be rebuilt but not be enlarged.

THE FOREGOING IS MERELY AN INFORMAL OPINION; IT IS NOT AN EXPERT OR LEGAL OPINION. IT IS NOT INTENDED TO BE RELIED ON AS EXPERT OR LEGAL ADVICE, AND IS NOT LEGALLY OR FACTUALLY BINDING ON BALTIMORE COUNTY OR ANY OF ITS OFFICIALS, AGENTS, OR EMPLOYEES. BALTIMORE COUNTY EXPRESSLY DISCLAIMS ANY AND ALL LIABILITY ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE INFORMATION PROVIDED IN THIS DOCUMENT, OR ANY INTERPRETATION THEREOF.

Sincerely,

A handwritten signature in black ink, appearing to be 'J. Seidelman', written over a horizontal line.

Jason Seidelman
Zoning Review

JSS/26-0768

No. 246618

Date: 6/29/26

[illegible]

Total:

\$200.00

Rec

From: INDEPENDENT CW COMPANY / AUGUST MACK

For: Zoning Verification Letter

1101 TODDS LANE

JSS-26-0768

DISTRIBUTION

WHITE - CASHIER

PINK - AGENCY

YELLOW - CUSTOMER

PLEASE PRESS HARD!!!

GOLD - ACCOUNTING

CASHIER'S VALIDATION

Independent
Can Company

1300 Brass Mill Road

Belcamp, MD 21017

Belcamp, MD 21017
Two Hundred and 00/100 Dollars



M&T Bank

7-11/520

Vendor

V000016

Check Date

6/19/2026

223570

Check

223570

Payment Amt

200.00

BALTIMORE COUNTY MD OFFICE OF BUDGET & FINANCE
400 WASHINGTON AVE
TOWSON MD 21204-4665
USA

W. D. B. 1884

[illegible]

9875772511



June 17, 2026

Department of Permits, Approvals, and Inspections
ATTENTION: Zoning Review Office
Baltimore County Office Building
111 West Chesapeake Avenue, Room 124
Towson, Maryland 21204

**Re: Independent Can Company
Zoning Verification
1101 Todds Lane, Rosedale Maryland
August Mack Project Number KA0349.253**

To Whom It May Concern:

Independent Can Company is seeking a zoning verification letter for the property located at 1101 Todds Lane, Rosedale, Maryland.

The facility is an existing metal can manufacture operation. We are currently applying to the Maryland Department of the Environment (MDE) for an Air Quality Permit to Construct to install a new welding line, and MDE has requested evidence of zoning compliance for the property.

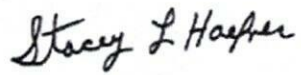
Please provide a zoning verification letter confirming that the existing manufacturing use at this location is permitted under the applicable Baltimore County zoning regulations. A check for \$200 is included with this request.

If you have any questions or need any additional information, please reach out to:

Hannah Kennard
Environmental Health and Safety Manager
(410) 670-6213
HKennard@independentcan.com

Thank you for your assistance.

Sincerely,

A handwritten signature in black ink that reads "Stacey L. Haefner". The signature is written in a cursive style with a large, stylized 'S'.

Stacey Haefner
Senior Consultant

Attachment