

# CONSTRUCTION PERMIT SUMMARY REPORT

Company name: Hormann LLC

File number: 93-0118

EPS initials: KRSt

Permit number(s): 081032

Source point number: 02, 03, 04, 05

Application received date: January 12, 2023

Application complete date: February 8, 2023

Air Quality Analysis Performed? Yes ☐ No ☒

## Project Description:

Hormann LLC submitted an application for a combined construction-operating permit after being informed that permit #078648 could not be amended due to significant errors in the original permit. It was determined during amendment review that the input rates were stated inaccurately, the VOC emission rate for Source 02 was increased without a construction permit, and Sources 04 and 05 were incorrectly identified as insignificant sources due to calculations errors. A combined construction-operating permit is therefore being issued to supersede the existing construction and operating permits for all sources. No physical construction on permitted sources will occur.

Source 02 is expected to emit PM, VOC, and HAPs.

Source 03 is expected to emit PM, SO<sub>2</sub> (negligible amount), CO, VOC, and NO<sub>x</sub>.

Source 04 is expected to emit PM, SO<sub>2</sub> (negligible amount), CO, VOC, and NO<sub>x</sub>.

Source 05 is expected to emit VOC.

## Identification Information:

### Emission Sources:

02	EPS Foam Panel Imprinting, Gluing, and Cutting Operation
03	Polyurethane Foam Injection, Heat Tunnel, and Sawing Operation
04	Painting Operation with Curing Oven and Replacement Air Unit/Generator
05	Pentane Tank

Regulatory Status: Facility is True Minor.

## Federal Rule Applicability:

The facility is not subject to any federal subparts.

## Rules Analysis

Title V <input type="checkbox"/>	Conditional Major <input type="checkbox"/>	Minor <input checked="" type="checkbox"/>	
Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Reason for PSD:	New source above ____ TPY <input type="checkbox"/>	Sig. increase in ____ emissions <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Applicable NSPS: N/A	<input type="checkbox"/> State Rule 1200-03-16-.	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Applicable MACT: N/A	<input type="checkbox"/> State Rule 1200-03-31- ____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
<b>Other Applicable State Rules</b>			
PM Emissions: 1200-03-07-.03(1)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO <sub>x</sub> Emissions: 1200-03-07-.07(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
1200-03-07-.04(1)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>		
CO Emissions: 1200-03-07-.07(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	VOC Emissions: 1200-03-07-.07(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
SO <sub>2</sub> Emissions:	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>		

Visible Emissions from this facility shall not exceed 20% opacity per Method 9 Rule 1200-03-05-.01(1), 1200-03-05-.03(6)

Visible Emissions from roads and parking areas shall not exceed 10 % opacity per Method 1 Rule 1200-03-08-.03

# Emission Summary

Source 02

Permit Number: 081032

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐ Previous Permit Number: Construction 974979 Operating 078648

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard TAPCR 1200-03-
	Actual	Uncontrolled Emissions	Allowable	Actual	Uncontrolled Emissions	Allowable	Net Change			
PM	0.03	6.9	0.02 gr/dscf (1.8 lbs/hr)	0.1	30.2	7.9	+7.89	1/11/2023		07-.04(1)
VOC				4.9	4.9	4.9	-0.08	1/11/2023	1	07-.07(2)

\* - Source of data:

- 1) All HAPs emitted are HAP-VOC and included in the VOC limit.

# Emission Summary

Source 03

Permit Number: 081032

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐ Previous Permit Number: Construction 974979 Operating

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard TAPCR 1200-03-
	Actual	Uncontrolled Emissions	Allowable	Actual	Uncontrolled Emissions	Allowable	Net Change			
PM	0.03	6.0	5.3	0.1	26.3	23.2	+20.63	9/17/2018	1	07-.03(1)
SO <sub>2</sub>	<0.005	<0.005	N/A	0.0	0.0	N/A	N/A	9/17/2018		N/A
CO				0.2	0.2	0.2	+0.2	9/17/2018		07-.07(2)
VOC				25.9	25.9	25.9	+0.03	9/17/2018		07-.07(2)
NO <sub>x</sub>				0.3	0.3	0.3	+0.3	9/17/2018		07-.07(2)

\* - Source of data:

- 1) The potential emissions values reflect the uncontrolled potential to emit PM for the source. The source may not operate without control devices, and may not emit greater than the allowable limits.

# Emission Summary

Source 04

Permit Number: 081032

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐ Previous Permit Number: Construction 974979 Operating

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard TAPCR 1200-03-
	Actual	Uncontrolled Emissions	Allowable	Actual	Uncontrolled Emissions	Allowable	Net Change			
PM	1.8	2.6	0.02 gr/dscf (2.2 lbs/hr)	7.9	11.4	9.6	N/A	9/17/2018	1	07-.04(1)
SO <sub>2</sub>	<0.005	<0.005	N/A	0.0	0.0	N/A	N/A	9/17/2018		N/A
CO				2.0	2.0	2.0	N/A	9/17/2018		07-.07(2)
VOC				16.0	16.0	16.0	N/A	9/17/2018		07-.07(2)
NO <sub>x</sub>				2.4	2.4	2.4	N/A	9/17/2018		07-.07(2)

\* - Source of data:

- 1) The potential emissions values reflect the uncontrolled potential to emit PM for the source. The source may not operate without control devices, and may not emit greater than the allowable limits.

# Emission Summary

Source 05

Permit Number: 081032

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐ Previous Permit Number: Construction 974979 Operating \_\_\_\_\_

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard TAPCR 1200-03-
	Actual	Uncontrolled Potential	Allowable	Actual	Uncontrolled Potential	Allowable	Net Change			
VOC				7.2	7.2	7.2	N/A	9/17/2018		07-.07(2)