Emission Summary

Permit Number: 979163

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

PSD☐ NSPS☐ NESHAPs☐ **Previous Permit Number:** Construction 977841 Operating 078989

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
Source 03: Lead Extruder Operation										
										1200-03
PM	0.68	0.68	0.68	2.98	2.98	2.98		6/28/2021		07-.01(5)
SO_2	0.005	0.005	0.005	0.02	0.02	0.02		6/28/2021		14-.03(5)
CO	0.72	0.72	0.72	3.16	3.16	3.16		6/28/2021		07-.07(2)
VOC	0.05	0.05	0.05	0.21	0.21	0.21		6/28/2021		07-.07(2)
NO_X	0.87	0.87	0.87	3.76	3.76	3.76		6/28/2021		07-.07(2)
HAPs[1]	0.02	0.02	0.02	0.07	0.07	0.07		6/28/2021		Section 112(b)
Pb[1]	0.003	0.003	0.003	0.01	0.01	0.01		6/28/2021		Section 112(b)

* - Source of data

1) This site has several hazardous air pollutants (all metals based), but the cumulative, potential emissions are below 1.5 tons per year. This includes the Pb emissions from all three sources.

2) Increase in PM and Pb Emissions due to third shift being added.

PERMITTING PROGRAM: DSBr DATE: 9/24/2021

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Wegmann Automotive USA, Inc File Number: 75-0369 EPS Initials: SPA

Permit Number(s): 977841 Source Point Number(s): 03

Application Received (date): December 13, 2019 Application Complete (date): February 16, 2021

Air Quality Analysis Performed? Yes☐ No☒

Briefly describe the project:
Wegmann Automotive USA, Inc. (75-0369), previously known as Perfect Equipment Corporation, manufactures wheel weights and battery bushings. The wheel weights are made with both zinc and lead, while the battery bushings are made from lead. In January of 1997, the Division found this facility to be exempt from permit requirements under Rule 1200-3-9-.04(4)(h). Dust analysis information was submitted to the Division on February 17, 2020 along with an application. Lead Compliance Test Results submitted January 7, 2021, with additional application information dated November 18, 2020. Upon review of this information, additional emissions information was requested from the facility to further determine what would be required. Based on total PTE and control device usage, it was deemed that the facility should have a permit. Additional application information was submitted June 3, 2020, June 11, 2020, January 7, 2021, and June 28, 2021. The Division is performing modelling for the lead emissions, this is to cover the source impact analysis required by 1200-03-22-.04(3). Uncontrolled Pb emissions estimated to be 2.55 tons per year based on information provided in the February 17, 2020 application. Preliminary modelling performed by the Division shows that the max quarterly impact of Pb is greater than 7.41 $\mu g/m^3$ along the north property line.

This facility utilizes fabric filters for PM and lead emission control. There are no facility wide emissions limits. This facility is in Rutherford County, and will therefore be required to report NOX and VOC emissions.

Rules Analysis

Title V☐ Cond. Major☐ Minor☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes☐ No☒

Reason for PSD:	New source above ____ TPY	☐	Sig. increase in ____ emissions	☐	N/A	☒
Applicable NSPS:	40 CFR Part 60, Subpart ____	☐	State Rule 1200-03-16-. ____	☐	N/A	☒
Applicable NESHAP:	40 CFR Part 61, Subpart ____	☐	State Rule 1200-03-11-. ____	☐	N/A	☒
Applicable NESHAP:	40 CFR Part 63, Subpart ____	☐	State Rule 1200-03-31-. ____	☐	N/A	☒

Other Applicable State Rules

PM Emissions:	1200-03-	07	01(5)	☒	N/A ☐	NO_x Emissions:	1200-03-	07	07(2)	☒	N/A ☐
SO_2 Emissions:	1200-03-	14	03(5)	☒	N/A ☐	Lead Emissions:	Section	112	(b)	☒	N/A ☐
CO Emissions:	1200-03-	07	07(2)	☒	N/A ☐	HAP Emissions:	Section	112	(b)	☒	N/A ☐
VOC Emissions:	1200-03-	07	07(2)	☒	N/A ☐	____ Emissions:	1200-03-			☐	N/A ☐

Visible Emissions from	Source	not to exceed	20	% opacity per Method	9	(Rule 1200-03-	05 -. 01(1))
Visible Emissions from	Source	not to exceed	20	% opacity per Method	9	(Rule 1200-03-	05 -. 03(6))
Visible Emissions from		not to exceed		% opacity per Method		(Rule 1200-03-	-.)

Comments: _____