

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: IMI Tennessee, LLC dba imi TN, LLC - Dickson File Number: 22-0106 EPS Initials: AJP
 Permit Number(s): 981731 (081731) Source Point Number(s): 01
 Application Received (date): 8/25/2023 Application Complete (date): 9/05/2023
 Air Quality Analysis Performed? Yes No

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

SIC Code 3273 – Ready-Mix Concrete

This concrete batch plant operation (Source 01) is an existing air contaminant source. The purpose of this application is to add baghouse to silos (disconnecting from central dust collector). The process of this existing source involves the production of concrete using one cement storage split silo, one fly ash storage silo, a weigh-batcher/weigh hopper, discharge chute for truck loadout, conveyors, and other associated equipment. The concrete batch plant has a maximum production limitation of 100,000 yd³ during any calendar year period while in operation. The fabric filters at the silo vents, and a dust collector at the weigh-batcher/weigh hopper and the discharge chute/truck loadout are the emission control device systems used for controlling Particulate Matter (PM) during concrete production from the concrete plant while in operation.

Per the application, this permit is to be issued a combined construction/operating permit.

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	<input type="checkbox"/>	Sig. increase in __*__ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart *	<input type="checkbox"/>	State Rule 1200-3-16-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart *	<input type="checkbox"/>	State Rule 1200-3-11-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart *	<input type="checkbox"/>	State Rule 1200-3-31-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

PM Emissions:	1200-03-07 -. 04(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
SO ₂ Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Lead Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Fugitive Emissions:	1200-03- 09 -. 03(8)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
VOC Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	_____ Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Visible Emissions from	<u>Source</u>	not to exceed	<u>20</u> % opacity per Method <u>9</u>	Rule 1200-03- <u>05</u> -. <u>01(1)</u>	
Visible Emissions from	<u>Roads/Parking</u>	not to exceed	<u>10</u> % opacity per Method <u>1</u>	Rule 1200-03- <u>08</u> -. <u>03</u>	

Comments: _____

Emission Summary

Source Number: 01

Permit Number: 981731 (081731)

Source Status: New Modification Expansion Relocation

Permit Status: New Renewal

PSD NSPS NESHAPs Previous Permit Number: Construction _____ Operating 079634

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM	0.03	31.60	31.60	0.02	17.56	17.56		8/25/2023		07-.04(2)
Fugitive PM	2.13	2.13	2.13	1.19	1.19	1.19		8/25/2023		08-.01, 08-.03, 09-.03(8)

* - Source of data based on the application dated August 25, 2023. Potential emission values are derived from AP-42 Chapter 11.12, Concrete Batching, Supplement to 5th Ed, 06/06. Actual and Allowable values are derived from the operating conditions based on the information provided in the application dated August 25, 2023.

PERMITTING PROGRAM: AJP DATE: November 29, 2023