

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Tate Fabricating Company, Inc. File Number: 74-0087 EPS Initials: JTD
Permit Number(s): 078595 Source Point Number(s): 01-03
Application Received (date): October 6, 2020 Application Complete (date): August 4, 2021
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)

This facility is existing but previously unpermitted. This facility specializes in the fabrication of large structural steel elements for use in buildings. There are uncontrolled welding operations subject to 40 CFR 63 Subpart XXXXXX. The size of the steel parts being coated makes collection or containment within a paint booth infeasible therefore spray coating operations are also uncontrolled. There is an abrasive blasting operation subject to XXXXXX which has cartridge filter control. All machining and grinding operations are wet processes or handheld.

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 <u>6X</u>	<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-	<u>07</u>	-.	<u>.04(1)</u>	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	NO _x Emissions:	1200-03-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
PM Emissions:	1200-03-	<u>07</u>	-.	<u>.04(2)</u>	<input checked="" type="checkbox"/>	N/A <input 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-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03-	<u>07</u>	-.	<u>.07(2)</u>	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	HAP Emissions:	1200-03-	____	-.	____	<input type="checkbox"/>	N/A <input type="checkbox"/>

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

Emission Summary

Source 01

Permit Number: 078595

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

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

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM	0.20	0.20	0.3	0.87	0.87	1.3				07-.04(1)
VOC	-	-	-	-	-	3.7				07-.07(2)

Emission Summary

Source 02

Permit Number: 078595

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

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

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM	0.01	0.01	0.3	0.01	0.01	1.3				07-.04(1)

Emission Summary

Source 03

Permit Number: 078595

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

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

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Uncontrolled Potential	Allowable	Actual	Uncontrolled Potential	Allowable	Net Change			
PM	9.12	456.0	11.3	39.95	1997.3	49.5				07-.04(2)

PM emissions are controlled by cartridge filters. This source is also subject to control and management practices under 40 CFR 63, Subpart XXXXXX.

PERMIT WRITER: JTD DATE: November 23, 2021