

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

N136354239

FACILITY: BACCO CONSTRUCTION CO PLANT 25		SRN / ID: N1363
LOCATION: N3676 US 2, IRON MOUNTAIN		DISTRICT: Upper Peninsula
CITY: IRON MOUNTAIN		COUNTY: DICKINSON
CONTACT: JOHN FORTIER, PRESIDENT		ACTIVITY DATE: 07/13/2020
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Follow up inspection to observe asphalt plant operation		
RESOLVED COMPLAINTS:		

On July 13, 2020 I (Sydney Bruestle) performed a follow up inspection of Bacco Construction Asphalt Plant 12 to observe the portable asphalt plant while operating. The plant was moved to the 480 pit located in Sands Township MI the week of July 6, 2020. While onsite I met with Don LeForce, Plant 12 operator. The plant was operating to produce 80 tons of asphalt for Superior Paving. Each paving truck holds about 20 tons of material. The plant was operating on used fuel oil delivered June 8, 2020 while operating in Waucedah Township. The HMA mixture at the time of this inspection included 15% RAP, the total HMA feed rate was 120 ton/hr. While the plant was operating I didn't observe any visible emissions, only steam from the stack.

Below are photos pf the plant and a photo of the fuel spec sheet from the supplier. My follow up inspection found Bacco Construction Plant 12 to be in compliance with PTI 547-78BG and all other applicable state and federal air quality regulations.



Image 1(Bacco Plant 12 Stack) : Steam coming from Bacco Plant 12 while operating









Image 4(Conveyor) : Conveyor to Asphalt Mix Drum





Arsenic	5 ppm maximum	<1.00 ppm	6010
Cadmium	2 ppm maximum	0.113 ppm	6010
Chromium	10 ppm maximum	<4.00 ppm	6010
Lead	100 ppm maximum	1.15 ppm	6010
Flash Point	100 °F minimum (*1)	>200 °F	1010
Total Halogens	4,000 ppm maximum (**2)	<200 ppm	9075
API Gravity @ 60°F		N/A	N/A
Sulfur- % by Weight	N/A	0.2725%	D-4294
Specific Gravity	N/A	0.8735 g/cc	D-287
Ash- % by Weight	N/A	0.21 %	D-482-02
pH	N/A	6.80	EPA 150.1
Btu/Gallon	N/A	138.052	D-240-76
PCB's	<u>TSCA Regulated</u>	<1 ppm (N/D)	6082
Other			

N/D = None Detected

- *1 Individual states and transport regulations may require higher flash points, further reducing their possibility of solvent and/or cleaning solution contamination.
- *2 Used oil containing more than 1,000 ppm (mg/kg) halogens is presumed hazardous unless a rebuttal analysis is performed to prove that there are no hazardous constituents per EPA regulation 40 CFR part 279.11.

This letter should provide you with total assurance that we have met your burner fuel requirements, as well as those of the state and the EPA.



NAME Stephan

DATE 7-16-20

SUPERVISOR EAJ