



State of Ohio Environmental Protection Agency

Northwest District Office

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Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: MSC Walbridge Coatings, Inc.
0387000046
Wood County
Stack Test

December 10, 2009

Mr. Roger J. Blem
EH&S Manager
Materials Sciences Corporation
30610 East Broadway
Walbridge, Ohio 43465-9707

Dear Mr. Blem:

The stack test conducted on October 20, 2009, on Ohio EPA emissions unit No. P001 (Electrogalvanizing Process), has been reviewed. The testing was conducted in conformance with Ohio EPA methods and procedures. Our review confirms the following reported data is accurate:

**Critical Test Data
(In Three Run Averages)**

Pollutant	Actual Emission Rate	Allowable Emission Rate	Source Operating Rate	Maximum Source Operating Rate ^a
PM*	0.30 lbs/hr	1.49 lbs/hr	156,488.8 ft ² /hr	288,000 ft ² /hr
Zn*	0.0125 lbs/hr	0.097 lbs/hr	156,488.8 ft ² /hr	288,000 ft ² /hr

*Zn-only coating.

Also, the following parameters were recorded during the testing of the following emission units:

	Observed	Required
Static Pressure Drop Across Scrubber	1.8 inches water	≥ 1.5 inches water
Water Flow Through Scrubber	15.5 gallons/minute	> 9.5 gallons/minute
Scrubber Pump Pressure	32 psi	> 30 psi

The compliance demonstration is acceptable and satisfies the compliance demonstration requirements contained in the Title V operating permit. The operating rate of 156,488.8 ft²/hr is acceptable for the purposes of this test. However, if this rate is exceeded by 10% or more in the

^a Maximum Source Operating Rate (MSOR) is defined as the condition that is most likely to challenge the emission control measures with regards to meeting the applicable emission standard(s). Although it generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test at the MSOR is justification for not accepting the test results as a demonstration of compliance.



Mr. Roger Blem
December 10, 2009
Page Two

future it will be necessary to perform another stack test. Please note that a Notice of Violation letter preceded this letter based on Zn-Ni coating stack test results. A formal reply to that letter is still necessary. Thank you for your cooperation in this matter. Please feel free to me at (419) 373-3118 if you have any questions or comments.

Sincerely,



Mohammad Smidi
Division of Air Pollution Control

/lb

pc: Robert Teer
~~INWDO file~~
Stack File

ec: Wendy Licht
Tom Sattler
Robert Teer
Don Waltermeyer