

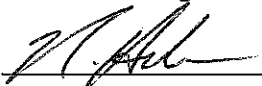
DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U47150935738413

FACILITY: Phoenix Polymer Compounding LLC		SRN / ID: U471509357
LOCATION: 7290 Kensington Road, Brighton		DISTRICT: Lansing
CITY: Brighton		COUNTY: LIVINGSTON
CONTACT:		ACTIVITY DATE: 01/23/2017
STAFF: Nathaniel Hude	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Confirmation that the facility is closed and VN can be resolved.		
RESOLVED COMPLAINTS:		

After the 11/30/16 inspection, I sent another VN. On 12/30/16, Robert Bailey informed me via email that the facility was closed and all production stopped on 12/15/16.

On 1/23/17, I drove to the facility and found the building to be unoccupied. The sign in front had been removed with the Phoenix logo. This report will be used to recommend resolution of the associated VN.

NAME DATE 1-26-17SUPERVISOR B.M.

Hude, Nathaniel (DEQ)

From: Robert Bailey <rbailey@phoenixpoly.com>
Sent: Friday, December 30, 2016 12:01 PM
To: Hude, Nathaniel (DEQ)
Cc: Mark Milewicz
Subject: RE: MDEQ Air Quality Inspection, 8/27/15

Nathan,

I thought that this was a closed issue with the minimal amounts we burned and moving the oven back to its original position where it no longer vented outside, unless there was another complaint. I assume I must have been mistaken. However, after receiving your letter dated 12/9/2016 the follow has transpired.

All production has stopped as of 12/15/2016.

The plant has been closed as of 12/30/2016.

I believe this should close out any violation.

If I can be of further service, please call me on my cell 586-295-0138.

Sincerely,
Bob

From: Hude, Nathaniel (DEQ) [<mailto:HudeN@michigan.gov>]
Sent: Thursday, September 10, 2015 3:20 PM
To: Robert Bailey
Subject: MDEQ Air Quality Inspection, 8/27/15

Hi Bob,

I'm emailing you in a follow-up to the inspection I conducted on August 27. Thank you for your time in explaining the plant, process, and product. Everything I have reviewed seems to be exempt (not required) from our permitting process, the only concern I have is with the bake off oven. This is where I will need your help.

Here is a breakdown of the equipment as I have interpreted the rules. (Please keep this on hand for future Air inspections)

1. Electric Dryer: is exempt from permitting per R336.1286(a). The key to this is that air from the dryer is exhausted into the general in-plant environment; if it were exhausted outdoors it may trigger other rules and then be subject to permitting for PM and PM2.5. Note: this includes the additional dryer that has yet to be installed as long as it is installed in the same manner.
2. Shredder/grinder for internal product recycling: is exempt from permitting per R336.1285(l)(vi)(B). Again is only exempt because it is vented into the general in-plant environment. If it were exhausted outdoors it may trigger other rules and then be subject to permitting for PM and PM2.5.
3. Two plastic Extruders: are exempt per R336.1286(a).
4. Electric Barnstead Thermolyne 6000 Oven: no exemptions unless emissions are calculated and proven to be under limits set forth in R336.1290. This oven is used as a burnoff oven and vented to the outside.

For #4 the oven; I need you to compute how much plastic is burned and emitted to the outside ambient environment. (I believe you already do this; 15 g before oven the bake, the weight of left-over). Since plastic burning releases carcinogens, I will also need to know what the make-up is on the smoke that is emitted from the different types of product you make.

I realize this may take some time to research and figure out. Please call me if you have any questions.

Thanks,

Nathan Hude
MDEQ, Air Quality Division
Lansing District Office
Constitution Hall, Lansing
(517)-284-6779