

Source Inspection Report

COMPANY: Bishop Noll Institute
1519 Hoffman Street
Hammond, Indiana 46327
(219) 932-9058

<u>*Violation(s) Observed (Y/N)?</u>	
State	No
Local	No

SOURCE ID NUMBER: 089-00474 INSPECTION DATE: June 15, 2016
SOURCE CLASSIFICATION: Local/State LEVEL: 2
Registered
OPERATION PERMIT TYPE: Local/State TYPE: Annual
Registered
OPERATION PERMIT NO(s): Local
03682
State Registration
089-16757-00474
ISSUE DATE(s): Local INSPECTOR: Michael Zabrecky
January 15, 2016
Registration
January 30, 2003
PERMIT REVISION DATE: N/A
REPORT WRITTEN BY: Michael Zabrecky

FACILITIES INSPECTED: Incinerator

PERSON(s) INTERVIEWED: Richard Radziwiecki, Maintenance Supervisor

INSPECTION OBJECTIVE(s):

To perform an unannounced inspection to evaluate Bishop Noll Institute's compliance with applicable air pollution regulations specified in their local operation permit.

SUMMARY OF INSPECTION:

On June 15, 2016, an Annual Inspection was conducted at Bishop Noll Institute. This high school holds one (1) operation permit for a Morse Boulger 6-R Destructor Incinerator.

During the inspection, the unit was in operation.

No violations or emissions found.

Source Inspection Report

Bishop Noll Institute – 6/15/2016

Plant ID: N/A

ENTRY INTERVIEW:

Upon entry, I met with Richard Radziwiecki, the Maintenance Supervisor at Bishop Noll Institute. I informed him that this is an Annual Inspection and that I wanted to inspect the Registered and local permitted incinerator.

INSPECTION OBSERVATION(s):

The potential to emit (as defined in 326 IAC 2-7-1 (30)) of all criteria pollutants is less than 100 tons per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7. The Particulate Matter (PM) and Particulate Matter less than 10 microns (PM-10) have a potential to emit greater than five (5) tons per year and less than twenty-five (25) tons per year therefore, it is subject to 326 IAC 2-5.5 – Registration.

1. Process Equipment Morse Boulger 6-R Destructor Incinerator:
2. Process Description:
This unit has a maximum design capacity of 600 lbs/hr and is limited to burning Type "0" waste (paper and cardboard) only.
3. Pollutants Emitted:
Total suspended particulates (TSP), opacity, and carbon monoxide (CO)
4. Control Equipment:
An afterburner.
5. Applicable Rules:
326 IAC 2-5.5 (Registration), 326 IAC Article 2 (Permit Review Rules), 326 IAC 4-2-2(a)(5)(A)(Incinerators), 326 IAC 5-1-2(2)(B)(Opacity Limitations), 326 IAC 9-1-2(a)(3)(Carbon monoxide emission limits), and Hammond Ordinances #7102 (Hammond Environmental) and #3522 (as Amended)(Hammond Air Quality Control)
6. Emission Limitations:
Total suspended particulates (TSP) are governed by 326 4-2-2(a)(5)(A), or 0.3 lbs per 1000 pounds of dry exhaust gas corrected to 50% excess air.
The visible emissions are governed by 326 5-1-2(2)(B) or by 20% opacity.
Carbon monoxide (CO) from the exhaust is governed by 326 IAC 9-1-2(a)(3).
7. Other Permit Requirements:
See the General and Special Operation Permit Conditions for 2016.
8. Observations:
The unit was switched on. No modifications or excessive visible emissions observed. See the table on the next page showing the technical information and the operating schedule of the incinerator.

Source Inspection Report

Bishop Noll Institute – 6/15/2016

Plant ID: N/A

Manufacturer:	Morse Boulger
Model:	6-R Destructor
Capacity:	600 lbs/hr
Grate Size:	16.6 square feet
No. of Chambers:	2
Gas/Oil:	Natural Gas
Stack Height:	40 feet
Stack Diameter:	2.25 feet
Operating Schedule:	200 days/year
Type of Stack:	Masonry
Type of Waste:	Type 0
Pounds/Charge:	100-150

9. Records Review:
No records review is required.
10. Compliance Status:
No violations observed or determined during the inspection.

CONCLUSION(s)/RECOMMENDATION(s):

The entire facility was inspected. No violations, visible emissions, or new sources of air emissions were observed.