

## Source Inspection Report

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

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

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### 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.

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|                     |                  |
|---------------------|------------------|
| 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.