

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Scheduled Inspection

B562749733

FACILITY: Univar Solutions		SRN / ID: B5627
LOCATION: 2011 TURNER ST, LANSING		DISTRICT: Lansing
CITY: LANSING		COUNTY: INGHAM
CONTACT: Mike Bommarito , Plant Manager		ACTIVITY DATE: 07/31/2019
STAFF: Samantha Braman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Unannounced, scheduled inspection for compliance with PTI Nos 611-82A and 95-15. This inspection was part of an FCE. This facility appears to be in compliance with their air permits.		
RESOLVED COMPLAINTS:		

**Inspection Report**

B5627- Univar Solutions (formerly Nexeo Solutions and Ashland Chemical)  
2011 Turner Street  
Lansing, MI

**Inspection Date:**

7/31/19

**Facility Contacts:**

Michael Bommarito- Plant Manager, 517-372-4166, mjbommarito@nexeosolutions.com

**MDEQ AQD Personnel:**

Samantha Braman, bramans1@michigan.gov, 517-282-1373

**Facility Description:**

This facility will officially be changing their name from Nexeo Solutions to Univar Solutions on September 1<sup>st</sup> of this year. Univar Solutions is a synthetic minor source of HAPs and VOCs and has an opt-out permit 95-15 which was issued on May 20, 2015. Nexeo does report to MAERS, but does not have a fee category.

Univar is a chemical distributor and packaging site. Some simple blending is done onsite, but they do not use any sort of reactors. Products are packaged in 5 gallon pails, 55 gallon drums, 330 gallon totes, and 550 gallon totes.

The company employs 17 individuals and has two shifts.

Shift 1 completes drum filling, bulk filling, mixing, and bulk receiving via semi; shift 2 is 1:00pm-9:30pm which monitors the site and conducts some filling of outbound tankers. The facility normally operates Monday through Friday, but does work a Saturday up to two times a year.

PPE required for the facility consists of hard hat, safety glasses and steel toe boots.

There are special entry considerations; entry should only be attained through the north gate on Turner Street. You will need to call 517-372-4166 to identify yourself and gain access.

**Applicable Regulations:**

PTI 611-82A

PTI 95-15

**MAERS Reporting**

Fee Category- none

MAERS Emission Units: twenty six tanks labeled EU-101 through EU-126, four tanks labeled EU-201 through EU-204, one tank labeled EU-302, EU-BOILER, EU-EMGEN, EU-FILLING, EU-FUGITIVE, and EU-LOADING.

**Inspection Summary**

This was a scheduled, unannounced, inspection.

I arrived at 10:26am. There was not any visible emissions or odors during the time of my inspection.

Once at the gate, I called the number posted on the outside to gain entry to the facility.

Brian Lowrie, Facilities Supervisor, met me inside the building. I introduced myself and informed him of why I was visiting. Mike Bommarito, Facilities Manager, met me and directed me to the conference room. We went over the inspection process and briefly went over the permits before taking a walk around the facility. Review of records was done at the end of the site tour. The boiler is used for heating two work areas in colder months; the heated storage area and the drum filling station.

The following is a review of the inspection:

#### Inspection via 611-82A; Special Conditions (SC) 14-26

This permit has conditions for all equipment on site listed in the MAERS Reporting section of this report.

- SC's 14, 17, 21, and 25 – Not Applicable (N/A). Spray booth that was removed approx. 20 years ago.
- SC 24 – N/A. Univar no longer stores perchloroethylene and trichloroethylene in bulk.
- SC 15 - There shall be no visible emissions from the paint spray booth (removed) and drum filling operation (EU-FILLING). During the inspection, EU-FILLING was operational, and there were no visible emissions that I could see. Fume capture is tested once per month for the container filling.
- SC 16 – In reference to the EU-BOILER and VE's. The boiler is natural gas fired and rated at max input rating 80,000 Btu/hr, max output rating 373,599 Btu/hr. There were no VE's.
- SC 18 – In reference substitutions of fuel. The boiler can only fire natural gas.
- SC 19 - The facility cannot handle / store any chemicals other than those listed in the permit application unless approved. The last updated materials list on file is from 1992. The company reports to MAERS using emission factors based on tanks type, color, size, and contents.
- SC 20 - Requires all tanks to have conservation vents unless storing methylene chloride, perchloroethylene, or trichloroethylene. Methylene chloride, perchloroethylene, and trichloroethylene are no longer stored in bulk tanks. All bulk tanks have 1-2 conservation vents installed. All tanks also have radar type sensors to monitor the content levels installed. They are also inspected once per month for maintenance.
- SC 22 - EU-FILLING stack conditions  $\leq 8$ " diameter and 26' agl. The stack and it appears to meet the condition.
- SC 23 - Regarding noxious odors from the facility. There have not been recent complaints from the facility and the odor I detected that morning I would not consider noxious.

#### Inspection via 95-15

This permit contains all of the record keeping requirements of the site. The following information was gained by records check. Most records were provided in print for the period of August 2017 through October 2017 for 12 month rolling averages.

- SC I.1. Limit Individual HAP < 9.0 tpy rolling
  - o Result aggregate HAPs 12 month rolling tpy
    - § August 2017: 2.83
    - § September 2017: 2.59
    - § October 2017: 2.59
- SC I.2. Limit Aggregate HAP < 22.5 tpy rolling
  - o Result aggregate HAPs 12 month rolling tpy
    - § August 2017: 2.83
    - § September 2017: 2.59
    - § October 2017: 2.59
- SC I.3. Limit VOC < 90.0 tpy rolling
  - o Result VOC 12 month rolling tpy
    - § August 2017: 7.38
    - § September 2017: 7.27
    - § October 2017: 7.29
- SC II.1. Limit 37,151,000 gallon / year VOC containing material processed
  - o Result (gallons) 12 month rolling
    - § August 2017: 7,950,560
    - § September 2017: 7,456,671
    - § October 2017: 7,440,058

I observed the EU-LOADING station. This loading rack has a vapor recovery system that is sent unobstructed vertically upward.

No changes to EU-EMGEN.

I left the facility at approximately 11:45am.

**This facility appeared to be in compliance with their PTI Nos. 611-82A and 95-15.**

NAME Janet Hur Brewer

DATE 8/20/19

SUPERVISOR B.M.

