

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

B577345745

FACILITY: ANDERSONS AGRICULTURE GROUP, THE		SRN / ID: B5773
LOCATION: 1090 HOMER RD, LITCHFIELD		DISTRICT: Jackson
CITY: LITCHFIELD		COUNTY: HILLSDALE
CONTACT: Tom Hecht , Operations Manager		ACTIVITY DATE: 08/23/2018
STAFF: Brian Carley	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Unannounced scheduled inspection		
RESOLVED COMPLAINTS:		

Facility Contact: Tom Hecht, Operations Supervisor
Phone: 517-542-2996
Email: tom_hecht@andersonsinc.com

Purpose

This was an unannounced targeted inspection of The Andersons – Litchfield Farm Center. This facility is operating under permit to install (PTI) number 249-76A and is a true-minor source for emissions. I arrived at the Litchfield Farm Center and met with Rick McCafferty, Operations Crew Leader.

Background

This facility sells dry and liquid fertilizers, herbicides, fungicides, insecticides and many custom blends, as well as enhanced efficiency products. They require a hard hat and hi-vis vest if an inspector wishes to go out to inspect the tank farm.

Compliance Evaluation

Special Condition (SC) No. 1 states: "Except where specific requirements of these special conditions are applicable and more stringent, anhydrous ammonia storage and handling process shall comply with "Part 78, Storage and Handling of Anhydrous Ammonia", MIOSHA 1910.111". The company conducts monthly inspections of their anhydrous ammonia equipment.

SC No. 2 requires all containers be fitted with safety relief valves and the valves shall be stamped with the date manufactured. The valves shall be replaced or retested and recertified at least every five years. The safety valves on the mother tank were replaced in 2017 and the ones on the nurse tanks were replaced in either 2016 or 2017. The stationary storage container has three remotely operated, external shut-off valves, which is in compliance with SC No. 3. All the fill hoses are inspected on a yearly basis and are replaced every 5 years or sooner if necessary. (SC No. 5)

The company has a two-compartment island with breakaway connections (SC No. 4) located adjacent to the stationary storage tank. The nurse tanks are filled from this permanent, stationary storage tank (SC No. 7). There is a 2,500-gallon water trap located next to the stationary storage tank to vent any vapor or liquid lines after ammonia transfer (SC No.9). The stationary storage tank and the nurse tanks have gauges on them to insure they are not filled to no more than 85% capacity (SC No. 8).

Mr. McCafferty told me that all the company's employees are trained and tested in the proper transfer operations (SC No. 6).

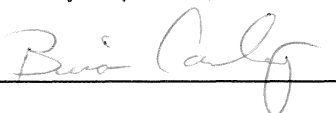
The fence around the perimeter of the property is on the property line according to Mr. McCafferty. All the nurse and applicator tanks were stored more than 50 feet from the property line and met the other setback requirements of SC No. 10.

The emergency response plan was last updated on December 21, 2017 and a copy of the updated plan is given to the local fire department (SC No. 11). A sign with the emergency phone numbers and contact information is posted outside near the front door of the office building (SC No. 12). Mr. McCafferty informed me there has not been an abnormal release of anhydrous ammonia from the facility to date (SC No. 13).

Compliance Determination

Based on my inspection, I have determined that this facility is complying with their PTI.

NAME



DATE 8/29/18

SUPERVISOR



8/29/2018