



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

JOHN J. KIM, ACTING DIRECTOR

## Inspection Report

GENERAL INFORMATION			
Report Date:	February 28, 2019	Inspection Date:	February 25, 2019
Inspector:	Gopi Ramanathan		

SOURCE INFORMATION	
LOCATION	
Facility ID #:	043110AAC
Company Name:	Sterigenics
Street Address:	7775 S. Quincy Street
City, County:	Willowbrook, Du Page
State, Zip Code:	Illinois, 60527
Contact/Title:	Paul Krett, General Manager
Contact Phone/Fax:	630-654-5151
Contact Email:	<a href="mailto:pkrett@sterigenics.com">pkrett@sterigenics.com</a>

INSPECTION FINDINGS
<p>On February 25<sup>th</sup>, 2019, the author inspected Sterigenics facility in Willowbrook, Illinois. The inspection took place from 1:05 PM to 4:05 PM hours and it was unannounced. The purpose of the inspection was to ensure compliance with the seal order, issued on February 15<sup>th</sup> 2019.</p> <p>Prior to the inspection, the author observed the facility stacks. No visible emissions were observed during the observations.</p> <p>Upon arrival, Paul Krett, General Manager for Sterigenics, was contacted. Robert Novak, Operations Manager was also available during this inspection. They accompanied the author on a tour of the facility.</p> <p>The pre-treatment room, ETO Sterilization Chambers area, Aeration rooms and ETO gas drums storage area were inspected. Each process was out of operation/shutdown. . The pre-treatment room, each ETO Sterilization Chamber (14 in Building#1 and 4 in Building#2), and the Aeration rooms were empty during the inspection.</p> <p>The process steam boiler was inspected and found to be off line. Facility records, steam flow controller pressure flow, were reviewed. The records indicated the boiler went off line at 14:47 GMT, which is 2:47 PM CST, on February 19, 2019.</p> <p>The DeOxx Scrubber and the AAT scrubber systems were inspected and were out of operation/shutdown. The scrubber units and the pollution control systems, per Mr. Krett, were shut down after all the processes were completed. An inspection of these areas confirmed they were out of operation. Record review confirmed these systems were down.</p>

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9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000  
 412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022  
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The ETO gas drums storage area was observed. Building #1 has 16 full drums and 13 partial drums. Building #2 has 4 full drums and 4 partial drums. These partial drums contain the left over ETO gas as the processes were stopped on February 15, 2019. All drums are safely secured in the storage rooms.

The control room was inspected. The monitors were found to be idle.

The author requested information on any ETO Sterilization process activity at the facility since the Seal order was issued. The Seal Order was issued at 6:44:02 PM (time pasted on the front door) on February 15th, 2019. Records were reviewed, and the author found no new ETO Sterilization processes were initiated after 6:44:02 PM on 2/15/19. All process data information at this facility were in GMT (Greenwich Mean Time) and it was converted to CST (Central Standard Time) in this report for ease of understanding.

The Last ETO Sterilization work order processed at this facility, started at (20:43 GMT) 2:43 PM CST on February 15<sup>th</sup>, 2019. This Sterilization work order had a cycle time of 12.73 hours and it ended at (9:27 GMT) 3:27 AM CST on the February 16<sup>th</sup>2019. There was one work order that required 19.93 hours of ETO Sterilization time. It started on February 15<sup>th</sup> at (19:30 GMT) 1:30 PM and it ended at (15:26 GMT) 9:26 AM CST on February 16<sup>th</sup>2019. All the ETO Sterilization chambers and lines were purged on February 16<sup>th</sup> as the sterilization cycles ended. The aeration process had to continue a few days based on the aeration cycle time requirement for various products sterilized at the facility. The last Aeration process was for a work order that required 267.97 hours of aeration. For this work order, the sterilization cycle started on February 11<sup>th</sup>, 2019 at (15:01 GMT) 9:01 AM CST and ended on February 12<sup>th</sup> at (10:31 GMT) 4:31 AM CST. After the sterilization and with 267.97 hours of aeration required for that product, the Aeration (degassing) was completed on February 23<sup>rd</sup> at (17:00 GMT, 11:00 AM on February 23, 2019. The Aeration room has been empty since.

The shipment records were reviewed. All the finished products go through a review process by their clients prior to shipment. There is a delay in some customers conducting the review process and some customers require partial shipments one day, with the balance on a later date. There are some trailer loads of untreated product waiting to be picked up by the customers. All shipments of sterilized products will leave the facility in the next few weeks, based on customer's schedule and requirements.

Based on record review and observations made at the plant, the facility is following the Seal order.

**SIGNATURE**

REPORT CERTIFICATION:



cc: DAPC – Division File  
DAPC/FOS –