

043110AAC
Sterigenics
3/28/19

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, ACTING DIRECTOR

Inspection Report

GENERAL INFORMATION

Report Date:	April 5, 2019	Inspection Date:	April 4, 2019
Inspector:	Daniel Delgado	Last Inspection Date:	March 28, 2019

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:	pkrett@sterigenics.com

SCOPE OF INSPECTION

Compliance with Seal Order

OFF-SITE SURVEILLANCE AND OBSERVATIONS

No on-site semi-truck traffic was observed during the inspection.	
Facility Representatives:	Paul Krett, General Manager

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

APR 10 2019

REVIEWER: MJK

INSPECTION FINDINGS

On April 4, 2019, the author conducted an unannounced inspection of Sterigenics in Willowbrook, Illinois. The inspection took place from 4:25 PM to 5:20 PM. The purpose of the inspection was to ensure compliance with the seal order issued on February 15, 2019.

The author met with Paul Krett, General Manager for Sterigenics. Items discussed included a photo that was sent to the Agency on 3/29/19 which appears to show a person removing ice from the facility's nitrogen storage room. Mr. Krett pulled up the same photo and video, which was uploaded on to Facebook. The video shows a worker removing blocks of ice from the storage area. Mr. Krett confirmed that the individual is a worker from Air Products, which is the facility's liquid Nitrogen supplier. Nitrogen gas is part of the sterilization process. It is injected into the chambers to promote a nonflammable atmosphere during normal operation. Nitrogen is also used in the pneumatic actuators which control certain valves. Since this facility is not in operation, the liquid nitrogen stored in the tanks over time begins to convert to gas. The gas causes an increase in pressure inside the tanks which then needs to be released via pressure release valves. This release of cold nitrogen cools the surrounding air, which converts to ice. As the ice accumulates, it requires periodic removal.

Following the initial discussion, Mr. Krett provided a tour of the facility (buildings 1 & 2) specifically concentrating on the process and emission units with their associated control equipment.

Facility Operations

Building 1

- Preconditioning Heat Room was empty. Previously stored pallets of unprocessed medical equipment were moved to their receiving storage area.
- Sterilization Chambers: All 14 Sterilization Chambers were empty. Observations in the control room showed that all 14 Chambers were off-line/stopped.
- Both Aeration Chambers 1 & 2 were empty
- Both Scrubbers were off-line.
- Ethelene Oxide Barrels (All in storage)
 - 16 Full Drums
 - 13 Partial Drums
 - 9 Empty Drums
- No final product is on-site

Building 2

- Preconditioning Heat Room was empty
- Sterilization Chambers: All 4 Sterilization Chambers were empty. Observations in the control room showed that all 4 Chambers were off-line/stopped.
- Aeration Chamber was empty
- The AAT Scrubber was off-line
- Ethelene Oxide Barrels (All in storage)
 - 4 Full Drums
 - 4 Partial Drums
 - 5 Empty Drums
- No final product is on-site

Seal Order Verification

All Seal Orders that could be viewed from the main road were still on their respective doors.

Based on observations made on-site, the facility has not been in operation since 2/15/19 and is currently adhering to the Seal Order.

SIGNATURE

REPORT CERTIFICATION:



cc: DAPC – Division File
DAPC/FOS –

