



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

JOHN J. KIM, ACTING DIRECTOR

Inspection Report

GENERAL INFORMATION

Report Date:	March 1, 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:	pkrett@sterigenics.com

INSPECTION FINDINGS

On February 25, 2019, the author inspected Sterigenics facility in Willowbrook, Illinois. The inspection took place from 1:05 PM to 4:05 PM and was unannounced. The purpose of the inspection was to ensure compliance with the seal order, issued on February 15, 2019.

Prior to the inspection, the author observed the facility stacks. No visible emissions were observed from the stacks.

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.

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.

The process steam boiler was inspected and found to be off line. Facility steam flow controller pressure flow was reviewed. The records indicated the boiler went off line at 14:47 GMT, which is 2:47 PM CST, on February 19, 2019.

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.

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. All drums are safely secured in the storage rooms.

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2009 Mall St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000
412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph St., Suite 4-500, Chicago, IL 60601

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 15th, 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 16th 2019. There was one work order that required 19.93 hours of ETO Sterilization time. It started on February 15th at (19:30 GMT) 1:30 PM and it ended at (15:26 GMT) 9:26 AM CST on February 16th 2019. All the ETO Sterilization chambers and lines were purged on February 16th 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 11th, 2019 at (15:01 GMT) 9:01 AM CST and ended on February 12th 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 23rd at (17:00 GMT, 11:00 AM on February 23, 2019. The Aeration room has been empty since.

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 –