



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

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Air Protection Branch

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MEMORANDUM:

TO: Stephen Damaske
 THROUGH: Daniel McCain
 FROM: Joshua Pittman
 SUBJECT: SOURCE TEST REPORT REVIEW

The following test has been reviewed and was conducted in an acceptable fashion for the purpose intended.

COMPANY NAME	Sterigenics U.S. LLC
COMPANY LOCATION	Atlanta, GA
SOURCE TESTED	Indoor Air Control System
POLLUTANT DETERMINED	Ethylene Oxide
REPORT REVIEWED BY	Joshua Pittman
TEST WITNESSED BY	Joshua Pittman, Ray Shen
DATE(S) OF TEST	March 24, 2020
DATE RECEIVED BY APB	May 27, 2020
APPLICABLE REGULATION	EPD letter to Sterigenics dated October 9, 2019
MAXIMUM EXPECTED OPERATING CAPACITY	N/A
OPERATING CAPACITY	N/A
ALLOWABLE EMISSION RATE	N/A
CONTROL EQUIPMENT AND MONITORING DATA	N/A

MEMORANDUM

The facility was not in operation, but the ambient air handling system was running during the test. The process areas of the building qualify as a Permanent Total Enclosure (PTE) according to the requirements of EPA Method 204. The following provides a synopsis of the requirements:

- 1) Total area of all NDOs was less than 5% of the overall surface area.
- 2) Air flow through the NDOs was directed inward as confirmed using smoke sticks.
- 3) The pressure differential between the interior and exterior of the building was negative.
- 4) All access doors not counted as NDOs remain closed during facility operations.

Therefore, the process areas of the building may be considered a PTE with 100% capture efficiency, with captured emissions being routed through a control device.