



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

**Richard E. Dunn, Director**

**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	Sterilization Services of Georgia					
COMPANY LOCATION	Atlanta, GA					
SOURCE TESTED	Fugitive Emissions (FE2 AAT Scrubber)					
POLLUTANT DETERMINED	Ethylene Oxide					
REPORT REVIEWED BY	Joshua Pittman					
TEST WITNESSED BY	Marie Miller, Ray Shen					
DATE(S) OF TEST	February 25, 2021					
DATE RECEIVED BY APB	April 27, 2021					
MAXIMUM EXPECTED OPERATING CAPACITY	N/A					
OPERATING CAPACITY	N/A					
ALLOWABLE EMISSION RATE	N/A					
APPLICABLE REGULATION	Permit 3841-121-0010-S-03-0					
CONTROL EQUIPMENT AND MONITORING DATA	N/A					
	<b>TEST RUN #</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>AVERAGE</b>	
GAS TEMPERATURE (°F)	Inlet	72.8	72.4	70.8		
	Outlet	83.6	82.0	81.4		
GAS MOISTURE (%)	Inlet	0.886	0.891	0.915		
	Outlet	0.941	0.906	0.866		
GAS FLOW RATE (ACFM)	Inlet	2030	1985	1959		
	Outlet	14694	14637	14624		
GAS FLOW RATE (DSCFM)	Inlet	1986	1943	1923		
	Outlet	13714	13705	13715		
POLLUTANT CONCENTRATION (PPM)	Inlet	0.200	0.167	0.215		0.194
	Outlet	0.0086	0.0085	0.0095		0.0088
EMISSION RATE (LB/HR)	Inlet	0.0218	0.0178	0.0227	0.0207	
	Outlet	0.000805	0.000797	0.000896	0.000832	
DESTRUCTION EFFICIENCY (%)	95.985					
OTHER INFORMATION	<p>All runs at the outlet were below detection limit. The detection limit was used for calculations.</p> <p>For FE2 testing, the shipping area contained sterilized product with all shipping doors closed.</p>					