

MEMORANDUM

TO: William Fleming
THROUGH: Daniel McCain
FROM: Joanna Pecko
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 ADDRESS		Atlanta, GA			
SOURCE TESTED		FE2 AAT Scrubber			
POLLUTANT DETERMINED		Ethylene Oxide			
REPORT REVIEWED BY		Joanna Pecko			
TEST WITNESSED BY		N/A			
DATE(S) OF TEST		March 18, 2023			
DATE RECEIVED BY APB		May 30, 2023			
APPLICABLE REQUIREMENT		Permit No. 3841-121-0010-S-03-0			
MAXIMUM EXPECTED OPERATING CAPACITY					
OPERATING CAPACITY					
ALLOWABLE EMISSION RATE(S)		N/A			
CONTROL EQUIPMENT AND MONITORING DATA		N/A			
TEST RUN #		1	2	3	AVERAGE
GAS TEMPERATURE (°F)	INLET	62.7	64.9	66.0	
	OUTLET	69.3	71.2	72.4	
GAS MOISTURE (%)	INLET	0.57	0.56	0.56	
	OUTLET	0.57	0.56	0.56	
GAS FLOW RATE (ACFM)	INLET	2049	2020	1972	
	OUTLET	12993	13109	13262	
GAS FLOW RATE (DSCFM)	INLET	2006	1970	1920	
	OUTLET	12592	12661	12780	
POLLUTANT CONCENTRATION (PPM)	INLET	1.182	0.872	0.720	0.924
	OUTLET	0.016	0.013	0.006	0.011
EMISSION RATE (LB/HR)	INLET	0.130	0.094	0.076	0.100
	OUTLET	0.0014	0.00112	0.000535	0.001018
DESTRUCTION EFFICIENCY (%)		99.0			
OTHER INFORMATION		<p>Outlet results of Run 3 were below the minimum detectable limit. The minimum detection limit was used to calculate the concentration and outlet emission rate for Run 3.</p> <p>Inlet emission rate: Multiply one (1) inlet dry cell duct by eight (8) to calculate total inlet emission rate.</p> <p>For FE2 testing, the shipping area contained sterilized product with all shipping doors closed.</p>			