

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		Chamber 2 - Chemroxx Scrubber			
POLLUTANT DETERMINED		Ethylene Oxide			
REPORT REVIEWED BY		Joanna Pecko			
TEST WITNESSED BY		N/A			
DATE(S) OF TEST		March 15, 2023			
DATE RECEIVED BY APB		May 30, 2023			
APPLICABLE REQUIREMENT		Permit No. 3841-121-0010-S-03-0; Condition 2.4			
MAXIMUM EXPECTED OPERATING CAPACITY					
OPERATING CAPACITY					
ALLOWABLE EMISSION RATE(S)		99.0 % DRE			
CONTROL EQUIPMENT AND MONITORING DATA		Liquid Glycol % (Before/After) = 28.8/28.8 See Appendix K of test report.			
TEST RUN #		1	2	3	AVERAGE
GAS TEMPERATURE (°F)	INLET				
	OUTLET	64.2	70.9	65.3	
GAS MOISTURE (%)	INLET				
	OUTLET	1.87	1.25	1.21	
GAS FLOW RATE (ACFM)	INLET				
	OUTLET	75.2	120.6	79.8	
GAS FLOW RATE (DSCFM)	INLET				
	OUTLET	73.0	116.4	77.8	
POLLUTANT CONCENTRATION (PPM)	INLET				
	OUTLET	0.033	4.789	0.729	1.850
EMISSION RATE (LB/MIN)	INLET	2.211	2.326	2.700	2.412
	OUTLET	0.000000272	0.0000637	0.0000065	0.000023490
DESTRUCTION EFFICIENCY (%)		99.9990			
OTHER INFORMATION		Inlet emission rate is based on the amount of ethylene oxide charged to the sterilization chamber.			