

Georgia Department of Natural Resources

Environmental Protection Division · Air Protection Branch

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Judson H. Turner, Director

OCT 11 2012

MEMORANDUM:

TO: Michael Odom
 THROUGH: Ross Winne, Richard Taylor *RT*
 FROM: Anna Gray
 SUBJECT: SOURCE TEST REPORT REVIEW

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

COMPANY NAME	Bard C R Inc Urologic			
COMPANY LOCATION	Covington, GA			
SOURCE TESTED	Sterilization Vessel			
POLLUTANT DETERMINED	Ethylene Oxide			
REPORT REVIEWED BY	Anna Gray			
TEST WITNESSED BY	Sid Stephens			
DATE(S) OF TEST	July 18, 2012			
DATE RECEIVED BY APB	September 11, 2012			
MAXIMUM EXPECTED OPERATING CAPACITY	24 UNITS			
OPERATING CAPACITY	24 UNITS			
ALLOWABLE EMISSION RATE	99 % DRE			
APPLICABLE REGULATION	Permit No. 3841-217-0021-S-03-0 Part 2.3			
CONTROL EQUIPMENT AND MONITORING DATA	RTO-1 Chamber temperature: 1446.6 deg. F			
TEST RUN #	1	2	3	AVERAGE
GAS TEMPERATURE (°F)	Inlet			
	Outlet	271.3	269.0	266.5
GAS MOISTURE (%)	Inlet			
	Outlet	3.7	4.2	4.4
GAS FLOW RATE (ACFM)	Inlet			
	Outlet	13693	14126	12839
GAS FLOW RATE (DSCFM)	Inlet			
	Outlet	178004.7	1695512.5	154072.3
POLLUTANT CONCENTRATION (PPM)	Inlet			
	Outlet	0.7	0.7	0.7
EMISSION RATE (LB/HR)	Inlet	51.84	50.75	51.90
	Outlet	0.0142	0.0136	0.0123
DESTRUCTION EFFICIENCY (%)	99.97			
OTHER INFORMATION	The outlet concentrations were non-detect for Ethylene Oxide. The value of the lowest concentration calibration standard, 0.7 ppm, was used to calculate the removal efficiency.			