



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

### Air Protection Branch

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MAY 15 2018

MAY 16 2018



### MEMORANDUM:

TO: Northeast District (Athens) District  
THROUGH: Daniel McCain  
FROM: Marcus Cureton  
SUBJECT: SOURCE TEST REPORT REVIEW

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

COMPANY NAME	C R Bard Inc Madison Operation				
COMPANY LOCATION	Madison, GA				
SOURCE TESTED	Acreation Cells				
POLLUTANT DETERMINED	Ethylene Oxide				
REPORT REVIEWED BY	Marcus Cureton				
TEST WITNESSED BY	Marcus Cureton				
DATE(S) OF TEST	January 25, 2018				
DATE RECEIVED BY APB	March 29, 2018				
MAXIMUM EXPECTED OPERATING CAPACITY	225 UNITS				
OPERATING CAPACITY	177 UNITS				
ALLOWABLE EMISSION RATE	1 PPM ; 99 % DRE				
APPLICABLE REGULATION	Permit No. 3841-211-0021-S-03-0, Condition 2.4				
CONTROL EQUIPMENT AND MONITORING DATA	RTO-1 Chamber temperature: 1403 deg. F				
<b>TEST RUN #</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>AVERAGE</b>	
GAS TEMPERATURE (°F)	Inlet				
	Outlet				
GAS MOISTURE (%)	Inlet				
	Outlet				
GAS FLOW RATE (ACFM)	Inlet				
	Outlet				
GAS FLOW RATE (DSCFM)	Inlet				
	Outlet				
POLLUTANT CONCENTRATION (PPM)	Inlet	59.0	91.7		78.7
	Outlet	0.083	0.52		0.265
EMISSION RATE (N/A)	Inlet			0	
	Outlet			0	
DESTRUCTION EFFICIENCY (%)	99.7				
OTHER INFORMATION	N/A				