



Committed to Covington

- BD (previously C. R. Bard) has been an active member of the Covington community since 1967
- Headquarters of BD's Urology and Critical Care business, a medical device sterilization facility and a Global Distribution Center
- 830 total employees



BD Safety Policy

We are committed to driving a culture in which the health, safety and well-being of our associates, visitors and contractors is an integral part of every decision we make. Each of us must take personal responsibility for the safety and care of each other to ensure that we all remain safe at work each and every day.



Vincent A. Forlenza
Chairman and Chief Executive Officer



At BD the health and safety of employees, community neighbors and patients is of the highest priority.

BD's purpose and guiding principle is to *Advance the world of health, and we live by our corporate values*

- ✓ We do what is right
- ✓ We are authentic
- ✓ We are all accountable
- ✓ We improve every day
- ✓ We help each other be great

EtO Sterilization Process

Emissions abatement
A regenerative thermal oxidizer (RTO) destroys
99.95% of EtO emissions

Preconditioning Cell
Humidification and
temperature control



Sterilization Chamber
EtO sterilization and primary
degassing



Aeration
Secondary degassing



Automated transfer of product between process steps



Safety Measures for Employees and Community

Reducing Emissions

- Best available technology: Regenerative thermal oxidizer incinerates emissions
- Capturing EtO from all steps in sterilization process and sending to thermal oxidizer for destruction including
 - Sterilization chambers
 - Back vents
 - Degassing cells



Monitoring for Safety

- Continuous monitoring of combustion temperature within our pollution control incinerator, 24/7/365 days a year, a measure of effectiveness of destruction of EtO
- Continuous monitoring for EtO at 42 individual points throughout the facility through gas chromatography system
- Automatic controls in place to shut entire processing system down if temperature deviates from specified levels to avoid unintentional EtO release
- No bypass on system - which avoids potential for unintentional EtO release
- Annual maintenance shutdown to thoroughly inspect and maintain all sterilization equipment and thermal oxidizer destruction system

**We achieve
>99.95%
DESTRUCTION of
ethylene oxide**

- Significantly greater than regulatory requirement of 99% destruction
- Verified through independent stack testing and 24/7 monitoring of thermal oxidizer temperature

**BD EtO facility in Covington
meets or exceeds government
regulations**

- U.S. EPA
- OSHA
- Georgia EPD
- FDA

Continuous Improvement

- Commitment to ongoing improvements to further reduce EtO
- Numerous voluntary improvements since facility built in 1991
- Agreed to additional voluntary stack testing in response to City of Covington request
- Committed to EPD to make further improvements

We appreciate community concerns and we are here to answer your questions. Visit our website to learn the facts or send us an email and we'll respond as quickly as possible.

Visit <http://etosafety.bd.com>

- ✓ Latest news
- ✓ Fact sheets
- ✓ Resources
- ✓ Available to the public

