3.5 How are Individual States Addressing EtO?

State regulatory agencies often have the delegated authority to regulate and enforce environmental and public health requirements. The 50 states have different priorities, resources, and processes. Several states have been actively involved with addressing EtO emissions across multiple regulatory programs. Click on the map for detailed state information, including fact sheets, state delegation, USEPA information, and county-specific information (Figure 4).

![Figure 4. Interactive EtO Regulations, Resources, and Processes tool.](image)

**Alabama**

**State Delegation on EtO**
Alabama Department of Environmental Management, Air Program

**USEPA Information**

Alabama Department of Environmental Management: Air Division - Air Pollution Control Program. Division 335-3(2021)

Alabama Department of Environmental Management: Air Division, Notice of Intended Action (1996, amended 2015)

**County-Specific Information**
City of Huntsville Department of Natural Resources

Jefferson County Department of Health

**Alaska**

**USEPA Information**
Delegations of New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants
(NESHAP) in the Pacific Northwest

EPA's ANPRM to solicit information to revise standards for commercial ethylene oxide sterilization and fumigation facilities

https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-A

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### Arizona

**State Delegation on EtO**
AZDEQ NESHAPs and NSPS

**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA

CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

**County-Specific Information**
Maricopa County

Pima County

Maricopa County Air Regulation Compilation (epa.gov)

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### Arkansas

**State Delegation on EtO**
ADEQ, Office of Air Quality APC&EC Air Regulations

Federal Register :: National Emission Standards for Hazardous Air Pollutants; Delegation of Authority to Arkansas

**USEPA Information**
ARKANSAS POLLUTION CONTROL, REGULATION NO. 18 ARKANSAS AIR POLLUTION CONTROL CODE

ADEQ, MOA for State Delegation of CAA Section 112 Standards (2014)

Ethylene Oxide Commercial Sterilization Facilities | US EPA

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### California

**State Delegation on EtO**
FINAL REGULATION ORDER , ETHYLENE OXIDE AIRBORNE TOXIC CONTROL MEASURE

Ethylene Oxide Airborne Toxic Control Measure (ATCM)

CA: South Coast Air Quality Management District - RULE 1405. CONTROL OF ETHYLENE OXIDE AND CHLOROFLUOROCARBON EMISSIONS FROM STERILIZATION OR FUMIGATION PROCESSES (aqmd.gov)

CA: South Coast Air Quality Management District - Proposed Amended Rule 1405 (aqmd.gov)

**USEPA Information**
US EPA Regulations for Ethylene Oxide

Ethylene Oxide Commercial Sterilization Facilities | US EPA

CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

**Fact Sheets**
Ethylene Oxide (EtO) Fact Sheet (2008)
Colorado

State Delegation on EtO
Ethylene oxide and Terumo BCT | Department of Public Health & Environment (colorado.gov)

USEPA Information
Air Toxics Screening Assessment
Lakewood, Colorado (Terumo BCT Sterilization Service, Inc.)
Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
Community risk assessment of ethylene oxide near

Connecticut

State Delegation on EtO
State of Connecticut Regulation of Department of Energy and Environmental Protection Concerning Release Reporting Regulations
Update on EPA Air Programs, 2021 SIPRAC Meeting

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

Delaware

State Delegation on EtO
Title 7 Natural Resources and Environmental Control 1138 Emission Standards for Hazardous Air Pollutants for Source Categories

Florida

State Delegation on EtO
62-210.310 : Air General Permits - Florida Administrative Rules, Law, Code, Register - FAC, FAR, Rulemaking (flrules.org)

USEPA Information
Groveland, Florida (International Sterilization Laboratory)
Ethylene Oxide Commercial Sterilization Facilities | US EPA
Frequent Questions about Ethylene Oxide (EtO) | US EPA

County-Specific Information
Groveland, FL
https://www.epa.gov/fl/temple-terrace-fl-american-contract-systems
Fort Myers, FL (American Contract Systems (Fort Myers Facility)) | US EPA
Georgia

**State Delegation on EtO**
AIR PROTECTION BRANCH 2020 Air Quality Report

**USEPA Information**
Subject 391-3-1 AIR QUALITY CONTROL, Rule 391-3-1-.01 Definitions. Amended

Georgia EPD Comments on 2017 AirToxScreen

Ethylene Oxide Commercial Sterilization Facilities | US EPA

**County-Specific Information**
Ethylene oxide: Technical Reviews and Outreach to Potentially Affected Communities Status Report -- Sterigenics Cobb County, Smyrna, Georgia

Hawaii

**State Delegation on EtO**
Clean Air Branch (hawaii.gov)

Air Pollution Control Permits

**USEPA Information**
CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

Idaho

**State Delegation on EtO**
IDAPA 58 - Department of Environmental Quality. Book (idaho.gov)

Illinois

**State Delegation on EtO**
Public Act 101-0022, Illinois General Assembly


**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA

Indiana

**State Delegation on EtO**
Indiana General Assembly - Indiana Register

ARTICLE 20. HAZARDOUS AIR POLLUTANTS, Indiana Administrative Code

**USEPA Information**
IDEM: Air Toxics: Air Toxics Rules (in.gov)

Ethylene Oxide Commercial Sterilization Facilities | US EPA
Iowa

**State Delegation on EtO**
CHAPTER 22 CONTROLLING POLLUTION

**USEPA Information**
Air Toxics: EPA Updates Several Regulations

Air Toxics Update: Miscellaneous Organic Chemical Manufacturing (MON) (2020)

Ethylene Oxide Commercial Sterilization Facilities | US EPA

**County-Specific Information**
Air Quality - Polk County Iowa

Outdoor Air Quality | Linn County, IA - Official Website (linncountyiowa.gov)

Air Toxics | Linn County, IA - Official Website (linncountyiowa.gov)

Kansas

**State Delegation on EtO**
KS-Air-Quality-Regulations-PDF

**USEPA Information**

**County-Specific Information**
https://www.wycokck.org/Departments/Health/Clean-Safe-Places/Air-Quality

Permitting & Technical Services - Unified Government of Wyandotte County and Kansas City (wycokck.org)

Kentucky

**State Delegation on EtO**
Title 401 Chapter 59 Regulation 090 • Kentucky Administrative Regulations • Legislative Research Commission

Title 401 Chapter 61 Regulation 040 • Kentucky Administrative Regulations • Legislative Research Commission

Title 401 Chapter 63 Regulation 002 • Kentucky Administrative Regulations • Legislative Research Commission

**USEPA Information**
Title 401 Chapter 57 Regulation 002 • Kentucky Administrative Regulations • Legislative Research Commission

**County-Specific Information**
Regulation 5.14 Version 8 Hazardous Air Pollutants and Source Categories Louisville Metro Air Pollution Control District 2012 (louisvilleky.gov)

Louisiana

**State Delegation on EtO**
TITLE 33 Part III. Air (2013)

**USEPA Information**
Air Issues in Louisiana | US EPA
Maine

**State Delegation on EtO**
https://www.maine.gov/dep/air/monitoring/index.html

**USEPA Information**
Maine DEP - Air - Programs - Hazardous Air pollutants - National Emission Standards for Hazardous Air Pollutants Maximum Achievable Control Technology Major and Area Sources

Ethylene Oxide Commercial Sterilization Facilities | US EPA

**County-Specific Information**
Findings of Fact Amendment #1. Jackson Laboratory, Hancock County, Maine. State of Main DEP

Findings of Fact Amendment #5. Jackson Laboratory, Hancock County, Maine. State of Main DEP

Maryland

**State Delegation on EtO**
Toxic Air Pollutant Regulations Assistance (maryland.gov)

2012-Revised-TAP-Screening-Levels-cas-sort.pdf (maryland.gov)

**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA

**Fact Sheets**
Title 5 Fact Sheet (maryland.gov)

**County-Specific Information**
Hanover, MD

Jessup, MD

Salisbury, MD

Massachusetts

**State Delegation on EtO**
Massachusetts Department of Environmental Protection (MassDEP) Top Case BACT Guidelines For MECHANICAL AND MISCELLANEOUS SOURCES

**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA

**Fact Sheets**
Massachusetts Toxics Use Reduction Institute, Ethylene Oxide Fact Sheet

**County-Specific Information**
Taunton, MA

Michigan

**State Delegation on EtO**

**Fact Sheets**
Ethylene Oxide Air Emissions Viant Medical Inc. Frequently Asked Questions (2019)
**Minnesota**

*State Delegation on EtO*
Minnesota Rules 2020, Chapter 7007 (mn.gov)

*USEPA Information*
Minnesota Administrative Rules 7011.7140 INCORPORATION BY REFERENCE; EMISSION STANDARDS; ETHYLENE OXIDE FOR STERILIZERS.

Ethylene Oxide Commercial Sterilization Facilities | US EPA

*Fact Sheets*
Facts about Air Quality Permit Rules (2010)

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**Mississippi**

*USEPA Information*
Air Regs, Chapter 4, Ambient Air Quality Standards, Amended October 24, 2013.docx (ms.gov)

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**Missouri**

*State Delegation on EtO*
Area Sources and Standards | Missouri Department of Natural Resources (mo.gov)

Missouri Secretary of State: Code of State Regulations (mo.gov)

*USEPA Information*
Ethylene Oxide Commercial Sterilization Facilities | US EPA

*County-Specific Information*
Jackson, MO

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**Montana**

*State Delegation on EtO*
Administrative Rules of the State of Montana (mt.gov)

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**Nebraska**

*State Delegation on EtO*
AIR QUALITY REGULATIONS STATE OF NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY - TITLE129 6-15-11.DOC (ne.gov)

*USEPA Information*
Ethylene Oxide Commercial Sterilization Facilities | US EPA

*County-Specific Information*
Columbus, NE

Air Quality – City of Lincoln, NE

Air Quality Control - publicworks.cityofomaha.org
Nevada

**State Delegation on EtO**
NAC: CHAPTER 445B - AIR CONTROLS (state.nv.us)

**USEPA Information**
Lincoln-Lancaster County Health Department Air Quality Program 40 CFR Part 63 Subpart WWWW - Initial Notification / Notification of Compliance Status

Ethylene Oxide Commercial Sterilization Facilities | US EPA

CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

New Hampshire

**State Delegation on EtO**
https://www.des.nh.gov/air/industrial-sources/air-toxics-compliance

New Jersey

**State Delegation on EtO**
NJ EtO reporting guidelines

https://dep.nj.gov/airquality/

**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA

**Fact Sheets**
FACT SHEET Ethylene Oxide (EtO) Air Emissions from Commercial Sterilizers (2022)

Hazardous Substance Fact Sheet, Ethylene Oxide (revised 2016)

**County-Specific Information**
Franklin , NJ

Linden, NJ

New Mexico

**State Delegation on EtO**
83-FR-15964-EPA-Delegation-to-NM.pdf

**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA

New York

**State Delegation on EtO**
DAR-1: Guidelines for the Evaluation and Control of Ambient Air Contaminants Under 6NYCRR Part 212

ENB Statewide Notices 1/13/2021 - NYS Dept. of Environmental Conservation

**USEPA Information**
Ethylene Oxide Commercial Sterilization Facilities | US EPA
North Carolina

State Delegation on EtO
SECTION .0500 - EMISSION CONTROL STANDARDS (pg. 53)

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
FORSYTH COUNTY, NORTH CAROLINA

Appendices to the Forsyth County, NC, Air Quality Control Code and Air Quality Technical Code (2000)

North Dakota

State Delegation on EtO
Air Toxics Policy Final 8.25.10 Version _Word_ (nd.gov)

Air Quality - North Dakota Department of Environmental Quality (nd.gov)

Ohio

State Delegation on EtO
DAPC Regulations | Ohio Environmental Protection Agency

USEPA Information
3745-77_Complete.pdf (ohio.gov)

DAPC Regulations | Ohio Environmental Protection Agency
Ethylene Oxide Commercial Sterilization Facilities | US EPA

Oklahoma

State Delegation on EtO
Federal Register / Vol. 87, No. 139 / Thursday, July 21, 2022 / Rules and Regulation

Revisions to SIP for State of Oklahoma (epa.gov)

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
Ardmore, OK

Oregon

State Delegation on EtO
Oregon Secretary of State Administrative Rules, Division 244 OREGON FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM

Pennsylvania

State Delegation on EtO
Emission Standards (pa.gov)
Rhode Island

State Delegation on EtO
RI DEM/Air Resources- Air Pollution Control Regulation No. 22- Air Toxics
RI DEM/Air Resources- Air Pollution Control Regulation No. 9- Air Pollution Control Permits (risos-apa-production-public.s3.amazonaws.com)

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

South Carolina

State Delegation on EtO
https://www.scstatehouse.gov/coderegs/Chapter%2061-62.pdf

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

South Dakota

State Delegation on EtO
Administrative Rule 74:36:08:10 | South Dakota Legislature (sdlegislature.gov)
Administrative Rule 74:36:08:103 | South Dakota Legislature (sdlegislature.gov)

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

Tennessee

USEPA Information
Summary of Regulations Controlling Air Emissions from HOSPITAL STERILIZERS USING ETHYLENE OXIDE
Ethylene Oxide (EtO) (tn.gov)
Ethylene Oxide (tn.gov)

County-Specific Information
New Tazewell, TN
Texas

USEPA Information

40 CFR Part 63 Subpart WWWWW -- National Emission Standards for Hospital Ethylene Oxide Sterilizers

Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
Athens, TX
Laredo, TX

Utah

USEPA Information
Ethylene Oxide in Utah - Utah Department of Environmental Quality

Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
Sandy, UT

Vermont

State Delegation on EtO
STATE OF VERMONT AGENCY OF NATURAL RESOURCES, AIR POLLUTION CONTROL REGULATIONS (2018)

County-Specific Information
1382.doc (live.com)

Virginia

State Delegation on EtO
Department of Veterans Affairs Veterans Health Administration, Safe use of Ethylene Oxide (2017)

Virginia Register of Regulations Vol. 2 Iss. 11

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
Henrico, VA

Washington

State Delegation on EtO
Chapter 173-401 WAC: Thresholds for hazardous air pollutants.

County-Specific Information
Benton Clean Air Agency
West Virginia

USEPA Information
Ethylene Oxide (EtO) (wv.gov)

Ethylene Oxide Commercial Sterilization Facilities | US EPA

Wisconsin

State Delegation on EtO
Chapter NR 445 CONTROL OF HAZARDOUS POLLUTANTS

Chapter NR 440 STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

Air Pollution Control Rules | Wisconsin DNR

Wyoming

State Delegation on EtO
Environmental Quality, Dept. of Air Quality, Chapter 5: National Emission Standards

American Samoa

USEPA Information
CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

Approved Air Quality Implementation Plans in American Samoa | US EPA

Commonwealth of the Northern Mariana Islands

USEPA Information
CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

Approved Air Quality Implementation Plans in the Commonwealth of the Northern Mariana Islands

Guam

State Delegation on EtO
Air Pollution Control Standards GEDA

Guam Air Regulation Compilation (epa.gov)

USEPA Information
CAA Permitting in EPA's Pacific Southwest (Region 9) | US EPA

Approved Air Quality Implementation Plans in Guam | US EPA
Puerto Rico

State Delegation on EtO
Amendments-7985-for-the-Regulation-for-the-Control-of-Atmospheric-Air-Pollution-Reg-5300.pdf (pr.gov)

Regulations-for-the-Control-of-Atmospheric-Pollution-RCAP-1995-Regulation-No-5300.pdf (pr.gov)

USEPA Information
Ethylene Oxide Commercial Sterilization Facilities | US EPA

County-Specific Information
Añasco, PR
Fajardo, PR
Salinas, PR
Villalba, PR

US Virgin Islands

USEPA Information
EPA Approved Statutes and Regulations in the U.S. Virgin Islands SIP | US EPA

Delegation Key:

- no delegation

- delegation

- delegation + extra info/state info/USEPA info