



# Forsyth County Environmental Affairs Department

---

## Part 2 MACT Application Form for Sources Utilizing the NC DAQ Guidance

### **Purpose & Instructions:**

The North Carolina Division of Air Quality has developed guidance for facilities that are required to submit a Part 2 MACT application for affected boilers and process heaters, including standards and compliance procedures that it has determined meet the requirements of Section 112(j) of the Clean Air Act (CAA). Note that direct fired sources, such as ovens and dryers where the combustion gases directly contact process material, are NOT affected under this source category.

The Environmental Affairs Department believes the emission limitations, operating limitations, and monitoring requirements provided in this guidance can be used to prepare a complete application satisfying the requirement to submit a Part 2 MACT application for affected boilers and processes heaters. However, the Department does not believe the "Health Based Compliance Alternative" provided in Section 15 of the NC DAQ Guidance will satisfy the requirements for Part 2 MACT Applications.

An electronic version of the guidance is provided on the NC DAQ website:

[\(http://daq.state.nc.us/permits/112i/\)](http://daq.state.nc.us/permits/112i/).

Facilities that choose to use the emissions standards provided in the NC DAQ guidance may use this application form to satisfy the requirement to submit a Part 2 MACT application. Complete Sections 1-3 below and submit two (2) copies the complete application to:

Robert R. Fulp, QEP, Director  
Forsyth County Environmental Affairs Department  
537 North Spruce Street  
Winston-Salem, NC 27101

No permit application fee is required.

Affected facilities that do not wish to use the emissions standards provided in the NC DAQ guidance must submit a Part 2 application that satisfies the requirements outlined in FCAQTC 3D .1109, 40 CFR 63.52-.53, and CAA § 112(j). No forms are provided for facilities that choose to prepare and submit a case-by-case MACT to establish individual emission standards in accordance with the Part 2 MACT application requirements.

**Please contact Peter B. Lloyd, Ph.D., P.E. at (336) 703-2430 or e-mail at [lloydpb@forsyth.cc](mailto:lloydpb@forsyth.cc) for questions regarding the Part 2 MACT application requirements.**





# FORSYTH COUNTY ENVIRONMENTAL AFFAIRS DEPARTMENT

## Part 2 MACT Application

### Section 1. General Facility Information.

Subsection 1. General Facility Information			
<b>Legal Corporate/Owner Name:</b>			
<b>Site Name:</b>			
<b>Site Address (911 Address) Line 1:</b>			
<b>Site Address Line 2:</b>			
<b>City:</b>			<b>Zip Code:</b>
Subsection 2. Contact Information			
Permit/Technical Contact		Facility/Inspection Contact	
<b>Name:</b>		<b>Name:</b>	
<b>Title:</b>		<b>Title:</b>	
<b>Mailing Address:</b>		<b>Mailing Address:</b>	
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>	
<b>Phone No.:</b>	<b>Fax No.:</b>	<b>Phone No.:</b>	<b>Fax No.:</b>
<b>Email Address:</b>		<b>Email Address:</b>	
Responsible Official/Authorized Contact		Invoice Contact	
<b>Name:</b>		<b>Name:</b>	
<b>Title:</b>		<b>Title:</b>	
<b>Mailing Address:</b>		<b>Mailing Address:</b>	
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>	
<b>Phone No.:</b>	<b>Fax No.:</b>	<b>Phone No.:</b>	<b>Fax No.:</b>
<b>Email Address:</b>		<b>Email Address:</b>	
Subsection 3. Facility (Plant Site) Information			
<b>Describe nature of (plant site) operations:</b>			
<b>Primary SIC or NAICS Code:</b>		<b>Current Air Permit No.:</b>	
Subsection 4. Facility (Plant Site) Coordinates			
<b>Latitude:</b>		<b>Longitude:</b>	
Subsection 5. Person or Firm that Prepared Application			
<b>Person Name:</b>		<b>Firm Name:</b>	
<b>Mailing Address:</b>			
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>	<b>County:</b>
<b>Phone No.:</b>	<b>Email Address:</b>		
Subsection 6. Signature of Authorized Contact			
<b>Name (printed):</b>		<b>Title:</b>	
<b>Signature</b>		<b>Date</b>	



# FORSYTH COUNTY ENVIRONMENTAL AFFAIRS DEPARTMENT

## Part 2 MACT Application

### Section 2. Affected Source & Compliance Option Information.

Fill out the information in Section 2 for each affected source at your facility. You may include more than one source on a single sheet if the subcategory & compliance information for each source listed are identical. Use as many "Section 2" forms as necessary to provide information for each affected source.

<p>1. Source ID No(s): List the Source ID No(s), as provided in your existing air quality permit, for each affected source provided for on this form:</p>
<p>2. Fuel Types: Check <u>each type</u> of fuel that the affected source(s) is permitted to fire.*</p> <p><input type="checkbox"/> Coal <input type="checkbox"/> Dry Wood ( ≤ 20% moisture content) <input type="checkbox"/> Wet Wood ( &gt; 20% moisture content) <input type="checkbox"/> Residual Fuel Oil (Nos. 4, 5, and 6) <input type="checkbox"/> Distillate Fuel Oil (Nos. 1 and 2) <input type="checkbox"/> Gaseous Fuel <input type="checkbox"/> Other(s) _____</p> <p><i>*See Section 16 of the NC DAQ guidance for definitions of fuel types.</i></p>
<p>3. Maximum Heat Input Capacity. Check the appropriate heat input capacity of the affected source(s).</p> <p><input type="checkbox"/> Less than 30 million Btu per hour <input type="checkbox"/> At least 30 million Btu per hour, but less than 100 million Btu per hour <input type="checkbox"/> At least 100 million Btu per hour</p> <p><i>*If you are filling out this form for multiple, similar sources, check the appropriate heat input capacity associated with the <u>individual sources</u> and not the total, combined heat input capacity.</i></p>
<p>4. Particulate Matter (PM) v. Total Selected Metals (TSM). Facilities may choose to limit either TSM emissions or PM emissions (as a surrogate for TSM). Indicate below which standard you wish to establish for the affected sources.</p> <p><input type="checkbox"/> PM (filterable only) <input type="checkbox"/> TSM <input type="checkbox"/> Not Applicable. This source(s) is only permitted to fire gaseous fuels.</p>
<p>5. Compliance Option. Check which option you wish to use to demonstrate compliance:</p> <p><input type="checkbox"/> Recommended testing, monitoring, recordkeeping, and reporting requirements, described in the NC DAQ guidance. <input type="checkbox"/> Alternative testing, monitoring, recordkeeping, and reporting requirements. (<i>Applicants choosing this option should include an attachment detailing the recommended alternative compliance requirements.</i>)</p>



# FORSYTH COUNTY ENVIRONMENTAL AFFAIRS DEPARTMENT

## Part 2 MACT Application

### Section 3. Responsible Official Certification.

In accordance with the provisions of FCAQTC 3Q. 0520 and .0515(b)(4) the Responsible Company Official of:

Site Name: \_\_\_\_\_

Site Address: \_\_\_\_\_

City, NC: \_\_\_\_\_

County: \_\_\_\_\_

Permit Number: \_\_\_\_\_

Certifies that: **(Check the appropriate statement)**

**The facility is in compliance with all applicable requirements.**

**The facility is not currently in compliance with all applicable requirements.**

The undersigned certifies under the penalty of law, that all information and statements provided in the application, based on information and belief formed after reasonable inquiry, are true, accurate, and complete.

\_\_\_\_\_  
Signature of Responsible Company Official

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name, Title of Responsible Company Official (TYPE or PRINT)