

Annual Combustion Adjustment



Electronic Reporting



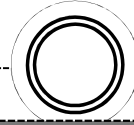
New Jersey Department of
Environmental Protection

Who Needs to do Combustion Adjustment?

Boilers
&
Heaters

- 5 million Btu/hr or greater

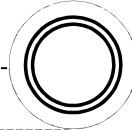
What Air Contaminants?



NO_x

CO

Combustion Adjustment Schedule



>20 MMBtu/hr

• 2007

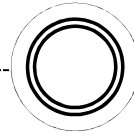
**≥ 10 MMBtu/hr but
<20 MMBtu/hr**

• 2008

**≥ 5 MMBtu/hr but <10
MMBtu/hr**

• 2010

Online Submittal Schedule



>20 MMBtu/hr

• 2009

≥ 10 MMBtu/hr but
<20 MMBtu/hr

• 2010

≥ 5 MMBtu/hr but
<10 MMBtu/hr

• 2012

Governor Chris Christie • Lt. Governor Kim Guadagno

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 - Transportation & Motor Vehicles
- Login Register



In This Month of NJ History



september 20, 1778
The title "State" replaces "Colony" in official New Jersey documents

september 23, 1949

- News
- Online Services
- I Want To
- NJ Lottery
- Visit NJ
- NJ Kids

In The News

More News RSS



Christie Administration Encourages State Workers and School Employees and their Spouses or Partners to Participate in New Wellness Initiatives



Showcasing New Jersey's Grape Harvest



Christie Administration Co-Chairs New Jersey Super Community Blood Drive Event MEGA

Spotlight



Visit NJ Sandy Transparency for information on the transparent distribution of Federal Disaster Relief



Governor Chris Christie Visit his site

- Judiciary
- Legislature

Your Local Weather

Pick from the list below to check the latest weather condition.

Trenton, NJ Go

Log On to My New Jersey

Log On ID:

Password:

Log On

[Forgot your logon ID?](#)

[Forgot your password?](#)

[Sign up to become a member](#)

[Help](#)


 THE OFFICIAL WEB SITE FOR
 THE STATE OF NEW JERSEY

[Services A to Z](#) | [Departments//](#)
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Welcome Kam Lo Si

[logout](#) | [change profile](#) | [enter authorization code](#) | [choose start page](#) | [content](#)

Premier E-Business Services

If you own a business or represent one in dealings with New Jersey state government, [Sign up for Premier E-Business Services](#)

Pensions and Benefits

**Pension and Benefits
 Information Connection**


Click the button below to access pensions and benefits information:

myNJ.direct

Enter a name in the search field:

New Jersey Events

Travel Guide
[Locate Events](#) | [Travel & Tourism Home](#) | [Add an Event](#)

Treasury Links

eLearning is now under the Civil Commission Applications heading. If you don't see the heading, click the link above, check the Civil Commission box, and click "Find"

DEP Apps

[Outlook Web Access](#)
 prefix your ID with dep\
[Email Archive Manager](#)
[DEP Intranet](#)
[DEP Web Intelligence](#)

Applications

[Drinking Water Watch App](#)
[DEP Online Services](#)

Document Library

 Name/Desc Publish
DEP Enforcement Documents09/06/13 [Exemptions-Class /](#)07/18/13 [Cape May County](#)07/18/13 [Camden County](#)

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Documents and Forms

Permit Folder

Version: 5.0

Currently logged in: LARRY SI (LSI)

Help

VERIFY PERSONAL INFORMATION

Please verify your personal information. If your personal information below is correct, please click the "Information is Correct" button. Otherwise, please update your personal information by clicking the "Update Information" button.

Current Address

Name: LARRY SI
Title:
E-Mail: Larry.si@dep.state.nj.us
Organization: NJDEP
Organization Type: State

Address: 401 E STATE STREET
 MAIL CODE 401-04B
 PO BOX 420
City: Trenton (Mercer)
State: New Jersey
Zip: 08625

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Version: 5.0

Currently logged in: LARRY SI (LSI)

MESSAGES**Dental Amalgam Registration and Certification**

Please note that the Dental Amalgam Registration services are temporarily unavailable. The services will be made available once a

Air Permitting Users:

"Please be informed that a new general permit for large boilers and heaters is now available. It is entitled: General Permit (GP-009. Indirect Fired Process Heater(s) Each Greater Than or Equal to 10 MMBTU/hr and Less Than 50 MMBTU/hr Combusting Gaseous Fuel. This permit is replacing the current General Permit (GP-009) for "Boilers & Other Indirect Fired External Combustion Equipment [>= 10 50 MMBTU per hour]"."

Please Note:

For optimal performance, it is advised to maintain only one Internet Explorer or Firefox browser window or tab when using the NJD

NJDEP Online requires Microsoft Internet Explorer version 7.0 or later or Mozilla Firefox version 3.5 or later to operate correctly. It does not support other web browsers such as Google Chrome or Apple Safari. Failure to upgrade to the correct browser version will cause data to be lost and may disable some functionality.

To download the required browsers click the appropriate link below:



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MY WORKSPACE

Service Selection

Note: Access to this electronic service selection and submittal area is granted by selecting facilities using the [user profile](#). Some services are accessible selecting facilities as shown below.

Air Program[RADIUS File Submission](#)[General Permits](#)[Permit/Certificate Folder](#)[NOx RACT Combustion Adjustment](#)[Excess Emission Monitoring Performance Reports \(EEMPR\)](#)[Periodic Compliance Certification](#)[Diesel Retrofit Program](#)

Config

My Facilities/Program Interests

Note: You may add Facilities/Program Interests by clicking the "Add Facilities" button below.

NJDEP Online - Windows Internet Explorer

https://www11.state.nj.us/DEP_RSP/Orchestrate.do

Home Feeds (1) Read Mail Print Page Safety Tools Help

Help Logout

MY WORKSPACE

Service Selection

Note: Access to this electronic service selection and submittal area is granted by selecting facilities using the [user profile](#). Some services are accessible without selecting facilities as shown below.

Air Program

- [RADIUS File Submission](#)
- [General Permits](#)
- [Permit/Certificate Folder](#)
- [NOx RACT Combustion Adjustment](#)
- [Excess Emission Monitoring Performance Reports \(EEMPR\)](#)
- [Periodic Compliance Certification](#)
- [Diesel Retrofit Program](#)

Configure Services

My Facilities/Program Interests

Note: You may add Facilities/Program Interests by clicking the "Add Facilities" button below.

Facility Name	Facility ID	Program	Access Type	Change Access	Manage Security	View	Remove
DEP AIR TEST SITE	61085	Air	Responsible Official				

Clicking a column title will sort the table by that column.

Add Facilities

My Services - In Progress

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Edit Personal Info | Request Cert PIN | Edit Facility Selection | Favorite Contacts | Security Administration

Version: 5.0

Currently logged in: LARRY SI (LSI)

FACILITY SEARCH

1 - Specify Search
Criteria

2 - Select Facilities

Please Note

You may click on a
previously visited page
(above) to navigate
back to that screen.

In most cases your Program Interest Number is your Facility ID.

Users adding NJPDES Permits to their profile should do so by selecting the "Water Quality" value from the dropdown menu. The user should then enter the NJPDES permit number they wish to add to their profile in the "Facility ID" field and click the Search button.

Pick the search you want to perform:

- Retrieve only those facilities that match the search criteria (Need facility ID or name for search)
- Retrieve the sites and all of the site's facilities that match the search criteria (Need facility ID or name for search)
- Retrieve NJPDES Permit Numbers (Need NJDEP Program and NJPDES permit # for search)
- Retrieve the facilities that are associated with an Alternate ID
- Retrieve all Program Interest records for a specific NJDEP Program Interest Type (No facility ID or name needed)

(Optional) Select NJDEP Program:

Enter either a Facility ID or a Facility Name (if searching by Alternate ID, enter as the Facility ID):

Facility ID:

(For NJPDES Facilities Use The NJPDES Permit Number)

Facility Name:



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[Edit Personal Info](#) | [Request Cert PIN](#) | [Edit Facility Selection](#) | [Favorite Contacts](#) | [Security Administration](#)

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Currently logged in: LARRY SI (LSI)

FACILITY SEARCH RESULTS

1 - Specify Search Criteria

2 - Select Facilities

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

	Facility	Facility ID	Program	Program Interest Type	County	Municipality
<input type="checkbox"/>	CENTURY PROJECTOR CORP-CAL CORP-	61085000000	Right To Know		Ocean	Lakewood Twp
<input checked="" type="checkbox"/>	DEP AIR TEST SITE	61085	Air	AIR	Mercer	Trenton City
<input type="checkbox"/>	MICHAEL L & BRIAN O'REILLY	61085400000	Right To Know		Gloucester	Harrison Twp

Clicking a column title will sort the table by that column.

Clear/Check All

Add Selected

MY WORKSPACE

Service Selection

Note: Access to this electronic service selection and submittal area is granted by selecting facilities using the [user profile](#). Some services are selecting facilities as shown below.

Air Program

[RADIUS File Submission](#)

[General Permits](#)

[Permit/Certificate Folder](#)

[NOx RACT Combustion Adjustment](#)

[Excess Emission Monitoring Performance Reports \(EEMPR\)](#)

[Periodic Compliance Certification](#)

[Diesel Retrofit Program](#)

My Facilities/Program Interests

Note: You may add Facilities/Program Interests by clicking the "Add Facilities" button below.

Facility Name	Facility ID	Program	Access Type	Change Access	Manage Security
DEP AIR TEST SITE	61085	Air	Responsible Official		

Clicking a column title will sort the table by that column.

My Workspace User Profile Certifications Payments Documents and Forms Permit Folder

Version: 5.0
 Currently logged in: LARRY SI (LSI) 61085
 DEP AIR TEST SITE

MY WORKSPACE

Service Selection

Note: Access to this electronic service selection and submittal area is granted by selecting facilities using the [user profile](#). Some services are selecting facilities as shown below.

Air Program

- [RADIUS File Submission](#)
- [General Permits](#)
- [Permit/Certificate Folder](#)
- [NOx RACT Combustion Adjustment](#)
- [Excess Emission Monitoring Performance \(EMPR\)](#)
- [Periodic Compliance Certification](#)
- [Diesel Retrofit Program](#)



My Facilities/Program Interests

Note: You may add Facilities/Program Interests by clicking the "Add Facilities" button below.

Facility Name	Facility ID	Program	Access Type	Change Access	Manage Security
DEP AIR TEST SITE	61085	Air	Responsible Official		



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APPLICATION NAME

1 - Submission Name

2 - Facility Selection

3 - Contacts

4 - Equipment
Selection5 - View Selected
Equipment

6 - Certification

7 - Summary View

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

Please provide a service specific name below.

Submission/Project Name:** **Comments:* Required*

Continue



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Version: 5.0

Currently logged in: LARRY SI (LSI)

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FACILITY SELECTION

1 - Submission Name

2 - Facility Selection

3 - Contacts

4 - Equipment Selection

5 - View Selected Equipment

6 - Certification

7 - Summary View

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

Facility	Facility ID	Municipality	Access Type	Access Facili
DEP AIR TEST SITE	61085	Trenton City	Responsible Official	
Clicking a column title will sort the table by that column.				

Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

Contacts

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

1. NOx RACT Annual Adjustment Report Contact

1. NOx RACT Annual Adjustment Report Contact

Note: Selecting an option below will replace all information for this contact.

Save to

Insert From Existing Contact(s)...

*First Name:

Middle Initial:

*Last Name:

Title:

*E-Mail Address:

*Confirm E-Mail:

Organization Name:

Organization Type:

Address Line 1:

Address Line 2:

Address Line 3:

County:

City:

State:

Zip Code:

Type	Contact Number (must be 10 digits)	Extension	Comments	Remove
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Add Number

* Required

Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

Contacts

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

1. NOx RACT Annual Adjustment Report Contact

1. NOx RACT Annual Adjustment Report Contact

Note: Selecting an option below will replace all information for this contact.

Save to

Insert From Existing Contact(s)...

Insert From Existing Contact(s)...

MY PROFILE INFORMATION
 LARRY SI

MY FAVORITE CONTACTS
 LARRY SI (Compliance Certification Contact)
LARRY SI (NOx RACT Annual Adjustment Report Contact)
 L SI (NOx RACT Annual Adjustment Report Contact)

MY SERVICE CONTACTS

Address Line 1:

Address Line 2:

Address Line 3:

County:

City:

State:

Zip Code:

Type	Contact Number (must be 10 digits)	Extension	Comments	Remove
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Add Number

* Required

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

Contacts

1. NOx RACT Annual Adjustment Report Contact

1. NOx RACT Annual Adjustment Report Contact

Note: Selecting an option below will replace all information for this contact.

Save to My Favorite Contacts

Insert From Existing Contact(s)...

*First Name: LARRY
 Middle Initial:
 *Last Name: SI
 Title:
 *E-Mail Address: LARRY.SI@dep.state.nj.us
 *Confirm E-Mail: LARRY.SI@dep.state.nj.us
 Organization Name: NJDEP
 Organization Type: State

Address Line 1: 2 Riverside Drive
 Address Line 2:
 Address Line 3:
 County: Camden
 City: Camden (Camden)
 State: New Jersey
 Zip Code: 08103

Type	Contact Number (must be 10 digits)	Extension	Comments	Remove
Work Phone Number	(856) 614-3601			

Add Number

* Required

Note: Please enter contact information on ALL required tabs before clicking Continue.

Save Continue

EQUIPMENT SELECTION

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

Note: 1) The Details of all selected equipment should be entered on the View Selected Equipment screen.
 2) Checking or Clearing All applies to the equipment on this page only.

Select	Equip. NJ ID	Activity #	Facility Designation	Equipment Description	Equipment Type
<input type="checkbox"/>	E1	BOP40008	Boiler # 1	Boiler # 1 - 62.64 MMBtu/hr	Boiler
<input type="checkbox"/>	E11129	BOP70018	BBL1	Boiler #1	Boiler
<input type="checkbox"/>	E11130	BOP70018	BBL3	Boiler #3	Boiler
<input checked="" type="checkbox"/>	E2	BOP40008	Boiler # 2	Boiler # 2 - 62.64 MMBtu/hr	Boiler
<input type="checkbox"/>	E3	BOP40008	Boiler # 3	Boiler # 3 - 88.74 MMBtu/hr	Boiler
<input type="checkbox"/>	E4	BOP40008	Boiler # 4	Boiler # 4 - 88.74 MMBtu/hr	Boiler
<input type="checkbox"/>	E5066	BOP110016	AB	Auxiliary Boiler	Boiler


Clicking a column title will sort the table by that column.

VIEW SELECTED EQUIPMENT

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

Note: You must enter the Details of all pieces of equipment (by clicking the Details link) before Continuing.

<u>Equip. NJ ID</u>	<u>Facility Designation</u>	<u>Equipment Description</u>	<u>Activity #</u>	<u>Enter Details</u>	<u>Status</u>	<u>Remove Equipme</u>
E3	Boiler # 3	Boiler # 3 - 88.74 MMBtu/hr	BOP40008	Details	-	

Clicking a column title will sort the table by that column.

[Select More Equipment](#) | [Contin](#)

EQUIPMENT DETAIL

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Equipment Detail
- 7 - Certification
- 8 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

Equip. NJ ID	Facility Designation	Equipment Description	Activity #
E3	Boiler # 3	Boiler # 3 - 88.74 MMBtu/hr	BOP40008

*Adjustment Date (MM/DD/YYYY):

*Type of Process:

*Fuel/Boiler Type:

*Firing Method:

*Fuel Type During Adj:

*Description of Corrective Action:

Required Data	Before Adjustment	After Adjustment
* Concentrations of NOx in the effluent stream, ppmvd:	<input type="text" value="50"/>	<input type="text" value="50"/>
* Concentrations of CO in the effluent stream, ppmvd:	<input type="text" value="20"/>	<input type="text" value="20"/>
* O2 percent dry basis:	<input type="text" value="3"/>	<input type="text" value="3"/>
* NOx converted emission values in lb/MM BTU:	<input type="text" value="0.64"/>	<input type="text" value="0.64"/>
* CO converted emission values in lb/MM BTU:	<input type="text" value="0.26"/>	<input type="text" value="0.26"/>

***Type of Fuel and Quantity Burned (in last 12 mos):**

Fuel Type	Amount/Quantity	Units	Remove
<input type="text" value="Natural gas"/>	<input type="text" value="500000"/>	<input type="text" value="MMft^3"/>	<input type="text" value=""/>

←

* Required

Do not validate the details for this piece of equipment ←

Note: Data validation must be conducted for this piece of equipment prior to submitting to NJDEP

7 - Certification
 8 - Summary View
Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

*Fuel/Boiler Type:
 Natural Gas Only

*Firing Method:
 Indirect

*Fuel Type During Adj:
 Natural Gas Only

*Description of Corrective Action:
 No corrective action

*O2 percent dry basis:	3	3
*NOx converted emission values in lb/MM BTU:	0.64	0.64
*CO converted emission values in lb/MM BTU:	0.26	0.26

*Type of Fuel and Quantity Burned (in last 12 mos):			
Fuel Type	Amount/Quantity	Units	Remove
Natural gas	500000	MMft ³	

Add Row

* Required

Do not validate the details for this piece of equipment

Note: Data validation must be conducted for this piece of equipment prior to submitting to NJDEP.

Previous Equipment | Next Equipment | Selected Equipment Screen/Continue



Version: 5.0

61085

Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

Help |

VIEW SELECTED EQUIPMENT

Note: You must enter the Details of all pieces of equipment (by clicking the Details link) before Continuing.

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

<u>Equip. NJ ID</u>	<u>Facility Designation</u>	<u>Equipment Description</u>	<u>Activity #</u>	<u>Enter Details</u>	<u>Status</u>	<u>Remo Equip</u>
E3	Boiler # 3	Boiler # 3 - 88.74 MMBtu/hr	BOP40008	Details	Completed	X

Clicking a column title will sort the table by that column.

Select More Equipment Con



Version: 5.0

Currently logged in: LARRY SI (LSI)

61085

DEP AIR TEST SITE

CERTIFICATION - SINGLE SUBMISSION SUMMARY

335164 - Annual Combustion Adjustment for 2013 - Boiler #5

To certify electronically, please click on the blue ribbon.

Required	Name	Certifier Type	Certifier Status	Notification Status	Certify Electronically	Certify via Paper
<input checked="" type="checkbox"/>		Individual With Direct Knowledge	Not Certified	No Notifications Sent		
<input checked="" type="checkbox"/>		Responsible Official	Not Certified	No Notifications Sent		

Clicking a column title will sort the table by that column.

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
You may click on a previously visited page (above) to navigate back to that screen.


Send Notifications Add Certification Type



CERTIFICATION - SINGLE APPLICATION - INDIVIDUAL WITH DIRECT KNOWLEDGE

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please note that your Certification PIN is different from your password. This PIN was sent to you by e-mail during account setup or subsequently when you request to have it sent. If you need a new PIN, click on the "Forgot Certification PIN" button below and a new one will be sent to the e-mail specified in your user profile. If it does not arrive within a few minutes, please check your e-mail's spam or junk mail folders, and make sure the email in your user profile is correct. For further assistance, contact the DEP at PortalComments@dep.state.nj.us.

Service ID	Submittal Type	Creation Date	View
335164	Air Program - NOx RACT Combustion Adjustment - NOx RACT Combustion Adjustment	09/27/2013	

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

Certification of the Individual With Direct Knowledge

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name of Certifying Party: LARRY SI

User ID of Certifying Party: LSI

***Certification PIN:** (Case-Sensitive)

* Required

Certification of your PIN constitutes an electronic signature of this submittal in accordance with the aforementioned statement.

Certify **Forgot Certification PIN** **Send Notifications** **Cancel**



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Version: 5.0

Currently logged in: LARRY SI (LSI)

61085

DEP AIR TEST SITE

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NOX RACT SUMMARY

Printer Friendly Version

NJDEP FORM - Air Compliance & Enforcement - Annual Boiler Adjustment Submittal
7:27-19.7 Industrial/commercial/institutional boilers and other indirect heat exchangers

This report is required by N.J.A.C. 7:27-19.16(c)&(d)
and is being submitted for the adjustment due for _2013_.

Facility Profile

Facility ID:	61085
Facility Name	DEP AIR TEST SITE
County:	Mercer
Facility Location:	401 E STATE ST THIS IS LINE 2 THIS IS LINE 3 Trenton, NJ 08625
Mailing Address:	401 E STATE ST THIS IS LINE 2 THIS IS LINE 3 Trenton, NJ 08625

NJDEP FORM - Air Compliance & Enforcement - Annual Boiler Adjustment Submittal

7:27-19.7 Industrial/commercial/institutional boilers and other indirect heat exchangers

This report is required by N.J.A.C. 7:27-19.16(c)&(d) and is being submitted for the adjustment due for _2013_.

Facility Profile

Facility ID: 61085
Facility Name: DEP AIR TEST SITE
County: Mercer
Facility Location: 401 E STATE ST
THIS IS LINE 2
THIS IS LINE 3
Trenton, NJ 08625
Mailing Address: 401 E STATE ST
THIS IS LINE 2
THIS IS LINE 3
Trenton, NJ 08625

Contacts

Name: LARRY SI
Title:
Contact Type: NOx RACT Annual Adjustment Report Contact
E-Mail: LARRY.SI@dep.state.nj.us
Phone: 8566143601 (Work Phone Number)

Specific Registration Information

Service ID: 335164
Equip NJID: E3
Description: Boiler # 3 - 88.74 MMBtu/hr
Activity #: BOP40008
Facility's Designation: Boiler # 3
Equipment Type: Boiler

Specific Registration Information

Service ID: 335164

Equip NJID: E3

Description: Boiler # 3 - 88.74 MMBtu/hr

Activity #: BOP40008

Facility's Designation:Boiler # 3

Equipment Type: Boiler

Fuel Type during Adjustment: Natural Gas Only

Date of Adjustment: 09/15/2013

Type of Process
 >= 50 MMBTU/hr and < 100 MMBTU/hr

Fuel/Boiler Type
 Natural Gas Only

Firing Method
 Indirect

Required Data	Before Adjustment	After Adjustment
Concentrations of NOx in the effluent stream, ppmvd	50	50
Concentrations of CO in the effluent stream, ppmvd	20	20
O2 percent dry basis	3	3
NOx converted emission values in lb/MM BTU	0.64	0.64
CO converted emission values in lb/MM BTU	0.26	0.26

	Converted Emissions After Adjustment (adjusted for O2)	Allowable From NJAC 7:27-19.7 or -16.8	Compliance Y/N
CO, ppmvd, at 7% O2 dry basis	15.53	100	Y
NOx pounds per million BTU	0.64	0.05	N

Fuel Type	Amount used over the 12 months prior to the annual adjustment	Units
Natural gas	500000	MMft ³

A description of my corrective actions taken as a part of the combustion adjustment

No corrective action

Certification

[Continue](#)



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Version: 5.0

61085

Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

Help | Lo

FORGOT CERTIFICATION PIN

1 - Submission Name

2 - Facility Selection

3 - Contacts

4 - Equipment
Selection5 - View Selected
Equipment

6 - Certification

7 - Summary View

Please Note

You may click on a
previously visited page
(above) to navigate
back to that screen.

Note: If the listed e-mail address is incorrect please update this information via the [User Profile](#).

Clicking the "Request PIN" button will create a new Certification PIN which will be emailed to **Larry.si@dep.state.nj.us**

Request PIN

Cancel



Version: 5.0

61085

Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

Help | Logout

FORGOT CERTIFICATION PIN

Your PIN has been reset and emailed to **Larry.si@dep.state.nj.us**

Continue

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

File Message

Ignore X Delete Reply Reply All Forward More Meeting Misc To Manager Done Reply & Delete Create New Move OneNote Actions Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Quick Steps Move Tags Editing Zoom

From: njdep.state.nj.us@dep.state.nj.us Sent: Fri 9/27/2013 2:47 PM
To: Si, Larry
Cc:
Subject: Your NJDEP Online Certification PIN

Dear Sir/Madam,

Your NJDEP Online certification PIN is:

7o1p88

Do not reply to this email.

Connect to social networks to show profile photos and activity updates of your colleagues in Outlook. Click here to add networks.



CERTIFICATION - SINGLE APPLICATION - INDIVIDUAL WITH DIRECT KNOWLEDGE

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
You may click on a previously visited page (above) to navigate back to that screen.

Please note that your Certification PIN is different from your password. This PIN was sent to you by e-mail during account setup or subsequently when you request to have it sent. If you need a new PIN, click on the "Forgot Certification PIN" button below and a new one will be sent to the e-mail specified in your user profile. If it does not arrive within a few minutes, please check your e-mail's spam or junk mail folders, and make sure the email in your user profile is correct. For further assistance, contact the DEP at PortalComments@dep.state.nj.us.

Service ID	Submittal Type	Creation Date	View
335164	Air Program - NOx RACT Combustion Adjustment - NOx RACT Combustion Adjustment	09/27/2013	

Certification of the Individual With Direct Knowledge

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name of Certifying Party: LARRY SI

User ID of Certifying Party: LSI

***Certification PIN:** (Case-Sensitive)

** Required*

Certification of your PIN constitutes an electronic signature of this submittal in accordance with the aforementioned statement.



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Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

[Help](#)

CERTIFICATION - SINGLE SUBMISSION SUMMARY

335164 - Annual Combustion Adjustment for 2013 - Boiler #5

To certify electronically, please click on the blue ribbon.

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Required	Name	Certifier Type	Certifier Status	Notification Status	Certify Electronically	Certify via Paper	Re Ce
<input checked="" type="checkbox"/>	LARRY SI	Individual With Direct Knowledge	Certified on 09/27/2013	No Notifications Sent			
<input checked="" type="checkbox"/>		Responsible Official	Not Certified	No Notifications Sent			

Clicking a column title will sort the table by that column.

Please Note
You may click on a previously visited page (above) to navigate back to that screen.

[Send Notifications](#) | [Add Certification Type](#) | [Con](#)

ADD CERTIFIER TYPE

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
You may click on a previously visited page (above) to navigate back to that screen.

Select Certification Type:

Individual With Direct Knowledge



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 Currently logged in: LARRY SI (LSI) DEP AIR TEST SITE Help |

CERTIFICATION - SINGLE SUBMISSION SUMMARY

335164 - Annual Combustion Adjustment for 2013 - Boiler #5

To certify electronically, please click on the blue ribbon.

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please Note
 You may click on a previously visited page (above) to navigate back to that screen.

Required	Name	Certifier Type	Certifier Status	Notification Status	Certify Electronically	Certify via Paper	Re Ce
<input checked="" type="checkbox"/>	LARRY SI	Individual With Direct Knowledge	Certified on 09/27/2013	No Notifications Sent			
<input checked="" type="checkbox"/>		Responsible Official	Not Certified	No Notifications Sent			
		Individual With Direct Knowledge	Not Certified	No Notifications Sent			

Clicking a column title will sort the table by that column.

- Send Notifications
- Add Certification Type
- Con

<input type="checkbox"/>	Pete dep1	Individual With Direct Knowledge	ptenebru@dep.state.nj.us	N
<input type="checkbox"/>	Peter Tenebruso	Individual With Direct Knowledge	peter.tenebruso@dep.state.nj.us	N
<input type="checkbox"/>	Richard Hyjack	Individual With Direct Knowledge	richard.hyjack@dep.state.nj.us	N
<input type="checkbox"/>	Robert Darrow	Responsible Official	robert.darrow@dep.state.nj.us	N
<input type="checkbox"/>	Russell Polo	Individual With Direct Knowledge	russell.polo@dep.state.nj.us	N
<input type="checkbox"/>	Rutgers Class	Individual With Direct Knowledge	rutgers123@gmail.com	N
<input type="checkbox"/>	Scott Bowers	Responsible Official	stephen.bowers@cgi.com	N
<input type="checkbox"/>	Subhash Shah	Individual With Direct Knowledge	subhash.shah@dep.state.nj.us	N
<input type="checkbox"/>	Theresa Pagodin	Responsible Official	theresa.pagodin@dep.state.nj.us	N
<input type="checkbox"/>	Thomas Morris	Responsible Official	thomas.morris@dep.state.nj.us	N
<input type="checkbox"/>	Tim Dietz	Individual With Direct Knowledge	timothy.dietz@cgi.com	N
<input type="checkbox"/>	Walter Beland	Responsible Official	wbeland@dep.state.nj.us	N
<input type="checkbox"/>	chris odgers	Responsible Official	codgers@comcast.net	N
<input checked="" type="checkbox"/>	john smith	Responsible Official	john.smith@dep.state.nj.us	N
<input type="checkbox"/>	michele zola	Responsible Official	michele.zola@dep.state.nj.us	N
<input type="checkbox"/>	mike cisek	Individual With Direct Knowledge	michael.cisek@dep.state.nj.us	N
<input type="checkbox"/>	rhyjack rhyjack	Individual With Direct Knowledge	rhyjack@gmail.com	N
<input type="checkbox"/>	rsp rsp	Individual With Direct Knowledge	PortalComments@dep.state.nj.us	N
<input type="checkbox"/>	rsp rsp	Responsible Official	PortalComments@dep.state.nj.us	N
<input checked="" type="checkbox"/>	scott michenfelder	Individual With Direct Knowledge	scott.michenfelder@DEP.State.NJ.US	N
<input type="checkbox"/>	test FSA	Responsible Official	fsatest2@hotmail.com	N
<input type="checkbox"/>	vk test	Individual With Direct Knowledge	voademand@gmail.com	N
<input type="checkbox"/>	vk test	Responsible Official	victor.aboh@dep.state.nj.us	N
<input type="checkbox"/>		Individual With Direct Knowledge		N
<input type="checkbox"/>		Individual With Direct Knowledge		N
<input type="checkbox"/>		Individual With Direct Knowledge		N



My Workspace

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61085

Currently logged in: LARRY SI (LSI)

DEP AIR TEST SITE

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E-MAIL NOTIFICATION

1 - Submission Name

2 - Facility Selection

3 - Contacts

4 - Equipment
Selection5 - View Selected
Equipment

6 - Certification

7 - Summary View

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

Notifications have been sent to the following users:

Name	Email Address
john smith	john.smith@dep.state.nj.us
scott michenfelder	scott.michenfelder@DEP.State.NJ.US

Clicking a column title will sort the table by that column.

Contin

My Facilities/Program Interests

Note: You may add Facilities/Program Interests by clicking the "Add Facilities" button below.

Facility Name	Facility ID	Program	Access Type	Change Access	Manage Security	View	Rem
DEP AIR TEST SITE	61085	Air	Responsible Official				

Clicking a column title will sort the table by that column.

Add Facility

My Services - In Progress

Note: To edit or resume working on an "In Progress" item, please click on the appropriate number in the ID column.

<< < 1 2 > >>

ID	Application Name	Facility Name	Description	Status	Created Date	Last Modified Date	Summary History Rem
<u>335164</u>	Annual Combustion Adjustment for 2013 - Boiler #5	DEP AIR TEST SITE	NOx RACT Combustion Adjustment	Awaiting Certification	09/27/2013	09/27/2013	

Clicking a column title will sort the table by that column.

<< < 1 2 > >>

My Services - Submitted

Note: If the status of your service is "Submission Failed - Please contact DEP," please send an e-mail to Portalcomments@dep.state.nj.us for assistance. Please include the Service ID number of the failed submittal in the message.

ID	Application Name	Facility Name	Description	Status	Created Date	Last Modified Date	Summary History
----	------------------	---------------	-------------	--------	--------------	--------------------	-----------------

Version: 5.0
 Currently logged in: LARRY SI (LSI)
CERTIFICATION - MULTIPLE APPLICATIONS SUMMARY

The following permit(s)/application(s)/submission(s) require certification and must be completed prior to submission of these permit(s)/applicat
 Please click on the certification icon to certify individually.

Air Program

General Permits - Individual With Direct Knowledge

Service ID	Facility Name	Submittal Name	Submittal Type	Ci
304957	DEP AIR TEST SITE	GP-009A yuukou	GP-009A Boilers & Indirect Fired Process Heaters Each > = 10MMBTU/hr & < 50 MMBTU/hr Combusting Gaseous Fuel Only	0

Clicking a column title will sort the table by that column.

General Permits - Responsible Official

NOx RACT Combustion Adjustment - Responsible Official

Service ID	Facility Name	Submittal Name	Submittal Type	Created On	Cer
224233	DEP AIR TEST SITE	chorpus christie boiler	NOx RACT Combustion Adjustment	09/25/2012	
335164	DEP AIR TEST SITE	Annual Combustion Adjustment for 2013 - Boiler #5	NOx RACT Combustion Adjustment	09/27/2013	
275960	DEP AIR TEST SITE	DEP Test Comb Adj	NOx RACT Combustion Adjustment	02/19/2013	

Clicking a column title will sort the table by that column.

RADIUS File Submission - Individual With Direct Knowledge

Service ID	Facility Name	Submittal Name	Submittal Type	Created On	Cer
234060	DEP AIR TEST SITE	Emission Statement	RADIUS File Submission	10/09/2012	
265555	DEP AIR TEST SITE	Operating Permit Application	RADIUS File Submission	01/10/2013	
265814	DEP AIR TEST SITE	Operating Permit Application	RADIUS File Submission	01/10/2013	
265899	DEP AIR TEST SITE	Preconstruction Permit Application	RADIUS File Submission	01/11/2013	
286249	DEP AIR TEST SITE	Emission Statement	RADIUS File Submission	03/25/2013	
327593	DEP AIR TEST SITE	Test Operating Permit Application	RADIUS File Submission	08/28/2013	
298131	DEP AIR TEST SITE	Emission Statement	RADIUS File Submission	05/01/2013	
298129	DEP AIR TEST SITE	Emission Statement	RADIUS File Submission	05/01/2013	
297837	DEP AIR TEST SITE	Emission Statement	RADIUS File Submission	04/30/2013	
295344	DEP AIR TEST SITE	Operating Permit Application	RADIUS File Submission	04/24/2013	
288985	DEP AIR TEST SITE	Emission Statement	RADIUS File Submission	04/03/2013	
265911	DEP AIR TEST SITE	Operating Permit Application	RADIUS File Submission	01/11/2013	

Clicking a column title will sort the table by that column.

Version: 5.0

Currently logged in: LARRY SI (LSI)

61085

DEP AIR TEST SITE

CERTIFICATION - SINGLE APPLICATION - RESPONSIBLE OFFICIAL

- 1 - Submission Name
- 2 - Facility Selection
- 3 - Contacts
- 4 - Equipment Selection
- 5 - View Selected Equipment
- 6 - Certification
- 7 - Summary View

Please note that your Certification PIN is different from your password. This PIN was sent to you by e-mail during account setup or subsequent request to have it sent. If you need a new PIN, click on the "Forgot Certification PIN" button below and a new one will be sent to the e-mail user profile. If it does not arrive within a few minutes, please check your e-mail's spam or junk mail folders, and make sure the email in your inbox is correct. For further assistance, contact the DEP at PortalComments@dep.state.nj.us.

Service ID	Submittal Type	Created
335164	Air Program - NOx RACT Combustion Adjustment - NOx RACT Combustion Adjustment	09/20/2013

Please Note
You may click on a previously visited page (above) to navigate back to that screen.

Certification of the Responsible Official

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting inaccurate or incomplete information."

Name of Certifying Party: LARRY SI

User ID of Certifying Party: LSI

***Certification PIN:** (Case-Sensitive)

* Required

Certification of your PIN constitutes an electronic signature of this submittal in accordance with the aforementioned statement.


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Version: 5.0

Currently logged in: LARRY SI (LSI)

61085

DEP AIR TEST SITE

CERTIFICATION - SINGLE SUBMISSION SUMMARY
335164 - Annual Combustion Adjustment for 2013 - Boiler #5

To certify electronically, please click on the blue ribbon.

Required	Name	Certifier Type	Certifier Status	Notification Status
<input checked="" type="checkbox"/>	LARRY SI	Individual With Direct Knowledge	Certified on 09/27/2013	Notifications last sent on 09/27/2013.
<input checked="" type="checkbox"/>	LARRY SI	Responsible Official	Certified on 09/30/2013	Notifications last sent on 09/27/2013.
	LARRY SI	Individual With Direct Knowledge	Certified on 09/27/2013	Notifications last sent on 09/27/2013.

Clicking a column title will sort the table by that column.

1 - Submission Name

2 - Facility Selection

3 - Contacts

4 - Equipment Selection

5 - View Selected Equipment

6 - Certification

7 - Summary View

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

[Send Notifications](#)

	After Adjustment (adjusted for O2)	
CO, ppmvd, at 7% O2 dry basis	15.53	
NOx pounds per million BTU	0.64	

Fuel Type	Amount used over the 12 months prior to the annual adjustment
Natural gas	500000

A description of my corrective actions taken as a part of the combustion adjustment

No corrective action

Certification

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. I am aware that the penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

LARRY SI

Individual With Direct Knowledge

09/27/2013

Date

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments. Those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that the penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

LARRY SI

Responsible Official

09/30/2013

Date

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. I am aware that the penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

LARRY SI

Individual With Direct Knowledge

09/27/2013

Date

My Services - Submitted

Note: If the status of your service is "Submission Failed - Please contact DEP," please send an e-mail to Portalcomments@dep.state.nj.us for assistance. Please include the number of the failed submittal in the message.

ID	Application Name	Facility Name	Description	Status	Created Date	Last Modified Date	Summary
335643	Six Month Deviation Report - Jan 1, 2012 to June 30, 2012	DEP AIR TEST SITE	Operating Permit Periodic Compliance Certification	Submission Successful	09/30/2013	09/30/2013	
335164	Annual Combustion Adjustment for 2013 - Boiler #5	DEP AIR TEST SITE	NOx RACT Combustion Adjustment	Submission Successful	09/27/2013	09/30/2013	
180065	Combined Six-month Deviation and Annual Compliance Certification for 2011	CARLL'S CORNER ENERGY CENTER	Operating Permit Periodic Compliance Certification	Submission Successful	01/31/2012	01/31/2012	

Clicking a column title will sort the table by that column.

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Version: 5.0

Currently logged in: LARRY SI (LSI)

SERVICE HISTORY

ID:	335164	Created By:	LARRY SI
Description:	NOx RACT Combustion Adjustment	Created On:	09/27/2013
Facility ID:	61085	Current Status:	Submission Successful
Facility Name:	DEP AIR TEST SITE		
Submittals:	NOx RACT Combustion Adjustment		

Status Description	Status Date	Due Date	Assigned To	Action
Created	09/27/2013			
Certified	09/30/2013			
Submitted	09/30/2013			

Clicking a column title will sort the table by that column.

[View Submittal Activities](#)

File Message

Ignore Delete Reply Reply All Forward More Meeting

Junk Delete

Staff To Manager Done Reply & Delete Create New

Quick Steps

Rules OneNote Actions Move

Mark Unread Categorize Follow Up Translate

Tags Editing

From: PortalComments@dep.state.nj.us
 To: Si, Larry
 Cc:
 Subject: NJDEP Online: NOx RACT Certification Confirmation for Service ID 335164

Your certified NOx RACT Submittal has been received by NJDEP.

Service ID: 335164
 Facility ID: 61085
 Facility Name: DEP AIR TEST SITE



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION



AQPP Air Quality Permitting Program

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Program Information

Annual Combustion Adjustment

AQ Forecast for Emergency Gen.

MACT

Risk Assessment Guidance

State of the Art



The Air Quality Permitting Program is responsible for permitting and testing stationary sources of air pollution (e.g., factories, power plants, etc.) - both old sources (those already constructed) and newer facilities - to ensure they do not adversely affect air quality in your neighborhood or anywhere in the state.

To accomplish this, the staff of the AQPP reviews air pollution

Program Update

- ▶ GP-004A Now Available
- ▶ Radius 4.0 Reference Tables Updated 7/29/13
- ▶ GP-009A Now Available
- ▶ Revisions to Rules to address PM-2.5
- ▶ electronic Netting Analysis Tool (eNAT)
- ▶ Implementation Plan for Air Program
- ▶ Improvements (Revised 2/11/2013)
- ▶ Application Checklist for Air Permits
- ▶ Amended Fee Schedule Commences 1/1/2010
- ▶ Help for Printing Certificates, Paying Renewals and Processing General Permits
- ▶ Transferring Ownership of Air Preconstruction Permits
- ▶ Revised PM-2.5 Permitting and Modeling Procedures

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Other Air Quality Reports

Annual Combustion Adjustment**Boiler and Indirect Fired Process Heater
Annual Combustion Process Adjustment
Electronic Submittal Instructions**

The annual adjustment and submittal requirement applies to your equipment if:

- It is a boiler with maximum heat input rate of 5 million BTU/hr or more;
- It is an indirect fired process heater (also know as an indirect heat exchanger) with maximum heat input rate of 5 million BTU/hr or more.

First, please read the [specific rule requirements](#) for the required annual adjustment.

The entire [NOx RACT rule](#) is available on the Division of Air Quality's [rules page](#).

All boilers and indirect fired process heaters with heat input rate greater than or equal to 5 million BTU/hr must have an annual adjustment to the combustion process performed beginning in 2010. The specifics on what must be included in the adjustment process are included in NJAC 7:27-19.16(a) in the [specific rule requirements](#).

You must maintain records of the annual adjustment on site for at least 5 years as specified in NJAC 7:27-19.16(b) in the [specific rule requirements](#).

In accordance with the following schedule from [NJAC 7:27-19.16\(d\)](#), you must submit certain information from the annual adjustment electronically to the Department:

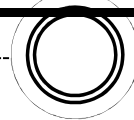
1. For an industrial/commercial/institutional boiler or other indirect heat exchanger with a maximum gross heat input rate of at least five million but less than 10 million BTU per hour, beginning in 2012;
2. For an industrial/commercial/institutional boiler or other indirect heat exchanger with a maximum gross heat input rate of at least 10 million but less than 20 million BTU per hour, beginning in 2010; and
3. For an industrial/commercial/institutional boiler or other indirect heat exchanger with a maximum gross heat input rate of at least 20 million BTU per hour or greater, beginning in 2009.

Additional information on performing a combustion adjustment can be found in the Department's [Technical Manual 1005](#).

The Department has also made available detailed instructions on [How To Submit a NOx RACT Combustion Adjustment Report](#) to the Department.



NJDEP Air Contact



- **Bureau of Air Compliance & Enforcement – Northern**

Telephone: (973) 656-4444

- Jurisdiction: Counties of Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, Union and Warren

- **Bureau of Air Compliance & Enforcement – Central**

Telephone: (609) 292-3187

- Jurisdiction: Counties of Burlington, Mercer, Middlesex, Monmouth and Ocean

- **Bureau of Air Compliance & Enforcement – Southern**

Telephone: (856) 614-3601

- Jurisdiction: Counties of Atlantic, Camden, Cape May, Cumberland, Gloucester, and Salem