

# Supporting Documentation for GP-009B

## REQUIREMENTS FOR EACH BOILER:

- The Permittee shall submit documentation for each boiler at the time of registration showing records of:
  1. The maximum rated heat input of the boiler, in millions of BTU per hour (HHV), per manufacturer's specifications, and
  2. Manufacturer's emission data; or one of the methods listed in the Facility Specific Requirements (Compliance plan) under Monitoring Requirement in Ref # 12 to Ref # 14 to demonstrate compliance with the State-of-the-Art (SOTA) emission levels (lb/MMBTU) listed in the table below.

### State of the Art (SOTA) Emission Standards for Natural Gas-Fired Boilers

> = 10 MMBTU/hr < 50

Fuel Type	Pollutants	Emission Levels (lb/MMBTU)
Natural Gas	NO <sub>x</sub>	0.035
	CO	0.050
	VOC	0.005

## REQUIREMENTS FOR EACH BOILER GREATER THAN OR EQUAL TO 25 MMBTU PER HOUR

- An initial stack test is required for each boiler equal to or greater than 25 MMBTU per hour and combusting natural gas to demonstrate compliance with NO<sub>x</sub>, CO and VOC emission levels. If the Facility performed an initial stack test pursuant to N.J.A.C.7:27-19.7 after May 1, 2011 for a boiler, and the test results meet the State-of-the-Art emission limits specified above and no modifications have been made to the boiler since the test, the boiler may be exempt from further stack testing. **The Department approved test results of the initial stack test shall be submitted with the GP registration under the attachment section.**

**Important Note:** If the stack test hasn't been performed at the time of registration, please have the stack test results approved by the Department available upon request by the appropriate Regional Compliance Enforcement Office.