



**Revised Chapter 2 of Title 15 of the Rules of the City of New York  
Engineering Criteria for Fossil Fuel Burning Boilers and Water Heaters  
Frequently Asked Questions (FAQ)**

1. Where can I find the Engineering Criteria?  
<http://www.nyc.gov/html/dep/pdf/air/engineering-criteria.pdf>
  
2. Are performance tests required on boilers and burners installed before 1973?  
Yes, all boilers and burners, **including boilers and burners installed before 1973**, must be required to operate such that upon evaluation of performance tests it is determined that they meet the combustion efficiency requirement at least 83% for oil and at least 80% for gas. However, the Rules allow for a one-time waiver for any boilers that do not meet these requirements in which necessary alterations to bring the equipment into compliance should be done within three years. Refer to Section 2-08 of the Engineering Criteria\* for more details.
  
3. For triennial renewals, will DEP (Department of Environmental Protection) engineers still be involved in on-site inspections? Is DEP moving towards self-certification by a licensed professional and would DEP engineers be spot checking?  
All original DEP Inspection Requests will be inspected by DEP engineers. The Department has the discretion to inspect renewals. You should always be prepared for inspections.
  
4. For the APC 5-0 form, are the fields in the EMISSION MONITOR section required? Are the fields in the EMISSION CONTROL section required to be completed? Are the New York State DEC forms no longer required?  
The fields in the EMISSION MONITOR and the EMISSION CONTROL sections are **not** required. NYS DEC forms are no longer required. If the facility has any emissions information, then please provide this in appropriate sections of the APC 5-0 form.
  
5. If the boiler/burner combination is not on the DEP accepted equipment list but the boiler and burner are on the DEP accepted equipment list separately, how shall I proceed?  
The DEP does not have an accepted equipment list for boiler/burner combinations. However, by signing the APC 5-0 form, the professional engineer certifies that the boiler and burner combination will comply with all applicable regulations.
  
6. What information is required for the “burner limitation details” field (box number 12 in the APC 5-0 form)? What if I cannot fit all the information on the three lines that is provided?



Provide a summary of the limitations (nozzle make and model, nozzle type, spray angle, and the applicable pressures, etc.) in those three lines provided. You can provide the full details of the limitations on the plan or you can attach a copy.

7. For dual fuel installations, are both licensed oil burner installer and licensed master plumber required to sign the APC 5-0 form?

For dual fuel installations, only the licensed oil burner installer's signature is required.

8. Who is qualified to perform the combustion efficiency tests and annual boiler tune-ups? Refer to Section 2-02 (56) and to Section 2-09 (a) (i) of the Engineering Criteria\*. A qualified combustion tester (a licensed New York City Class A and B oil burner installer or a professional engineer) can conduct the tests. The Department will consider other qualified technicians/professionals that are able to perform this task based on their training and experience.

All boiler adjustments and modifications (tune-ups) should be completed by qualified, experienced technicians. The tune-up technician should be skilled in the evaluation and adjustment of the specific boiler and burner equipment in use.

9. What test equipment (brand, model) is approved?

The Department does not require a specific brand or manufacturer. All equipment must conform with the requirements that are detailed in Section 2-09 of the Engineering Criteria\*. The test equipment must pass an annual calibration test and the results of the test must be kept and submitted within five business days if requested by the Department.

10. Will annual overhauls and efficiency tests be required for registrations?

DEP inspections and efficiency tests are required for boilers with a maximum heat input rating of equal to or greater than 2.8 million Btu/hr.