



# HEATING UNITS AND GENERAL PURPOSE INTERNAL COMBUSTION ENGINES



## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO:

**AIRS ID#:** 0251150 **DATE:** 6/3/2010 **ARRIVE:** 11:00AM **DEPART:** 11:20AM  
**FACILITY NAME:** PUMP STATION G-420  
**FACILITY LOCATION:**  
 MIAMI 33192  
**OWNER/AUTHORIZED REPRESENTATIVE:** FRED REMEN **PHONE:** (561)682-2124  
**CONTACT NAME:** **PHONE:**  
**ENTITLEMENT PERIOD:** 8/7/2008 / 8/7/2013  
 (effective date) (end date)

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)  
 IN COMPLIANCE  MINOR Non-COMPLIANCE  SIGNIFICANT Non-COMPLIANCE

**PART II: CONTROL TECHNOLOGY/RECORDKEEPING REQUIREMENTS – Rule 62-210.300, F.A.C.**  
 (check  appropriate box(es))

- Does the facility operate any emissions units other than the heating units and general purpose internal combustion engines and emissions units which are exempt from permitting pursuant to the criteria of paragraph 62-210.300(3)(a), or (b), F.A.C., or have been exempted from permitting under Rule 62-4.040, F.A.C.? (Rule 62-210.300(3)(c)3.a., F.A.C.)-----  Yes  No
- Are these heating units or general purpose internal combustion engines subject to the Federal Acid Rain Program as defined at Rule 62-210.200, F.A.C.? (Rule 62-210.300(3)(c)3.b., F.A.C.)-----  Yes  No
- Were visible stack emissions tests conducted during this site visit according to EPA Method 9 (40 CFR 60, Appendix A)?-----  Yes  No
- Pursuant to subparagraph 62-296.320(4)(b)1., F.A.C., are visible emissions from any heating unit(s) or general purpose internal combustion engine(s) equal to or greater than 20% percent opacity as designated as Number 1 on the Ringelmann Chart? (Rule 62-210.300(3)(c)3.c., F.A.C.)-----  Yes  No
- What type of fuel is used by all heating units and general purpose internal combustion engines at this facility? (**check  only one box**)  
 a) diesel fuel  b) gasoline  c) natural gas/propane  d) multiple fuels
- Is the total fuel consumption by all heating units and general purpose internal combustion engines within the facility limited to the following thresholds: (Chapter 62-210.300(3)(c)3.d., F.A.C.) (**check  only one box**)  
 a) diesel fuel – 250,000 gallons/year (if diesel is the sole source of energy at this facility)?-----  Yes  No  
 b) gasoline – 22,000 gallons/year (if gasoline is the sole source of energy at this facility)?-----  Yes  No  
 c) natural gas/propane – 35m standard cubic feet (if gasoline is sole source of energy at this facility)?---  Yes  No  
 d) multiple fuels – (equivalent prorated amount)?-----  Yes  No

**PART II: CONTROL TECHNOLOGY/RECORDKEEPING REQUIREMENTS – Rule 62-210.300, F.A.C. (continued)**

(check  appropriate box(es))

7. Does the owner/operator of the facility maintain records to document the fuel consumption, by type, for each emissions unit? (Rule 62-210.300(3)(c)3.e., F.A.C.)-----  Yes  No
8. Does the owner/operator retain, and make available for Department inspection, these records for a period of at least five years? (Rule 62-210.300(3)(c)3.e., F.A.C.)-----  Yes  No
9. Does the owner or operator voluntarily encourage pollution prevention through such measures as: (Rule 62-210.300(4)(b)2.b., F.A.C.)
  - a) employing energy conservation measures to reduce the demand for heat from any heating units?-----  Yes  No
  - b) performing regular maintenance of heating units to ensure efficient heat recovery?-----  Yes  No
  - c) the use of, or considering the use of economizers to recycle waste heat back into the combustion air stream?-----  Yes  No
  - d) improved operating procedures to reduce the load on any internal combustion engines?-----  Yes  No
  - e) the use of, or considering the use of alternative fuels?-----  Yes  No

**PART III: GENERAL CONDITIONS/MAINTENANCE REQUIREMENTS – Rule 62-210.300(4)(e)6., 8., & 12., F.A.C.**

(check  appropriate box(es))

1. Does the owner or operator make every reasonable effort to conduct the specific activity authorized by the general permit in a manner that minimizes adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources, water quality, or air quality?-----  Yes  No
2. Does the owner or operator maintain the permitted facility, emission unit, or activity in good condition?  Yes  No
3. Has the owner or operator allowed the circumvention of any applicable air pollution control devices?---  Yes  No
4. Has the owner or operator allowed the emission of air pollutants as the result of the malfunction of, or inoperable condition of applicable air pollution control devices?-----  Yes  No

**PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300(4)(d)4., F.A.C.**

(check  appropriate box(es))

**A. New or Modified Process Equipment**

1. Since the last inspection has there been
- a) installation of any new process equipment?-----  Yes  No
  - b) alterations to existing process equipment without replacement?-----  Yes  No
  - c) replacement of existing equipment substantially different than that noted on the most recent notification form?-----  Yes  No
  - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, F.A.C.) to the appropriate DEP or local program office?-----  Yes  No

MARUFUL MALIK

6/3/2010

\_\_\_\_\_  
Inspector's Name (Please Print)

\_\_\_\_\_  
Date of Inspection

6/3/2011

\_\_\_\_\_  
Inspector's Signature

\_\_\_\_\_  
Approximate Date of Next Inspection

**COMMENTS:** There are three caterpillar diesel engines used to operate pump for the purpose of emergency flood control. Pump station regulates flow of surface water from the Tamiami Canal into the C-4 emergency detention Basin. I spoke to Mr.Fred Remen on 6/18/2010 at 12:36 PM and he mentioned that this facility operates when needed for emergency flood control purposes.