



RECIPROCATING INTERNAL COMBUSTION ENGINES



COMPLIANCE INSPECTION CHECKLIST

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

FACILITY: Verizon Florida, Inc. DBA/Site Name: Feathersound CO		DISTRICT: Southwest
ADDRESS: 13000 34th Street North Clearwater, FL		CONTACT PHONE: 727-443-9528
ARMS NO: 1030539	PERMIT NO: 1030539-001-AG	Expiration Date: 4/16/2015 Renewal Date: 3/17/2015
		Test Date:

EMISSION UNIT DESCRIPTION: Detroit Diesel 16V2000 800 kW engine, manufactured in 2001. The engine is operating as an emergency generator.

INSPECTION DATE: 6/18/13	INSPECTION COMPLIANCE STATUS (<i>check ? only one box</i>) <input type="checkbox"/> ?In Compliance; <input checked="" type="checkbox"/> ?Minor Non-Compliance; <input type="checkbox"/> ?Significant Non-Compliance
------------------------------------	---

PART I: General Review:

1.	Permit File Review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	Introduction and Entry <i>Comments:</i> I attempted to call Mr. Fogo when onsite and did not see an entrance. I knocked at the loading zone door and was let in by Mr. Jeff Clark, CO Technician, who showed me the facility and attempted to locate records for me.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Is the Authorized Representative still: <u>Zach Feingold</u> ? <i>Comments:</i> I received an email on 7/2/13 from Mr. James McElman, PG stating that he is the responsible individual for the facility's Air General Permit Office: 813-978-6965 Cell: 813-431-1330 Address: Verizon Global EH&S Compliance, 7701 E Telecom Parkway, MC:B1M, Temple Terrace, FL 33637. The e-mail address is: james.mcelman@verizon.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	Is the facility contact still: Dean P. Fogo? <i>Comments:</i> I was able to reach Mr. Fogo by phone on 6/21/13 and he stated that he is no longer the contact for that facility and that Mr. Michael Edwards is the current contact (Phone: 813-727-8589). I contacted Mr. Edwards and proceeded to attempt to gather additional information. The e-mail address is: m.edwards@verizon.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	If the answer to 3 or 4 is "No", did the facility provide an administrative update within 30 days? [62-210.310(2)(d), F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PART II: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.310(4)(d), F.A.C.
(check ? appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

1. Is the facility using any other general permits at this location? ----- [62-210.310(4)(b)1.a., F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Is the facility subject to any unit-specific applicable requirement? ----- [62-210.310(4)(b)1b., F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Does the facility operate any other emission unit that is not exempt from permitting pursuant to subsection 62-210.300(3), F.A.C., or Rule 62-4.040, F.A.C.? ----- [62-210.310(2)a., F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Was a visible emissions test(s) conducted by the inspector during this site visit according? -----	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PART II: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.310(4)(d), F.A.C.

(check ? appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

If the answer to 4. is No, skip a)-b)

a) The visible emission test resulted in an opacity of _____% for the highest six minute average.

b) Did the test indicate the facility is operating in compliance with the = 20% opacity standard? -----

[62296.320(b)1., F.A.C.]-

Yes No

1. Is the total combined fuel consumption by all reciprocating internal combustion engines at the facility less than or equal to the fuel usages listed below?

a) 20,000 gallons of gasoline – usage equals _____ gallons= _____ % of allowed -----

b) 250,000 gallons of diesel fuel – usage equals 924.93 gallons= 0.37 % of allowed -----

c) 1.15 million gallons of propane – usage equals _____ gallons= _____ % of allowed -----

d) 40 million standard ft³ natural gas – usage equals _____ cubic feet= _____ % of allowed -----
 _____ % of Total*

e) Is the sum of the fuel percentages for all fuels burned by the facility less than or equal to 100 percent of the equivalent prorated amounts*? -----

[62-210.310(4)(b)2.a. and b., F.A.C.]

Yes No

Yes No

Yes No

Yes No

Yes No

2. Is the facility maintaining records to document the fuel consumption, by type, on an annual basis? -----

[62-210.310(4)(b)2.c., F.A.C.]

Yes No

(SC)

3. Are the records available for Department inspection and available for a period of at least five (5) years or to the beginning of operation? -----

[62-210.310(4)(b)2.c., F.A.C.]

Yes No

4. Is the facility complying with the objectionable odor prohibition of subsection 62-296.320(2), F.A.C.?-----
 An upwind/downwind survey of the facility was conducted. The observed parameters were:

Downwind odor level detected (1-10) - 0____; Wind direction - _____ Upwind odor level detected-_____

[296.320(2), F.A.C.]

Yes No

PART III: Special Conditions And Procedures

(check ? appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

Administrative Changes:

1. Were there any changes in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? -----

Yes No

2. Did the facility provide written notification within 30 days of the administrative change? -----

[62-210.310(2)(d), F.A.C.]

Yes No

NA

Permit Effective Period

3. Is the general permit for this facility still within the 5 year entitlement period? -----

Yes No

4. Did the facility submit the new re-registration form at least 30 days prior to permit expiration? -----

[62-210.310(3)(a), F.A.C.]

Yes No

New or Modified Process Equipment / Change in Ownership

5. Since the last registration form submittal has there been [62-210.310 (2)(b)2, F.A.C]

a) Installation of any new process equipment? -----

b) Alterations to existing process equipment without replacement?-----

c) Replacement of existing equipment with equipment that is substantially different?-----

d) A change in ownership?-----

e) If any of the answers to 1a) – 1d) are Yes, a new registration form and appropriate fee should have been submitted 30 days prior to the change. Was a new registration form properly submitted? -----

Yes No

Yes No

Yes No

Yes No

Yes No

Noncompliance Notice: - [62-210.310(3)(i), F.A.C.]

6. Did the facility have any instances where they were unable comply with or will be unable to comply with any condition or limitation of the air general permit? -----

If the answer is Yes, proceed to a) and b).

a) Did the owner or operator provide immediate notification to the Department? -----

b) Did the notification include:

1. A description of and cause of noncompliance?-----

Yes No

Yes No

Yes No

PART III: Special Conditions And Procedures (check ? appropriate box(es), if a shaded box is checked, this would indicate noncompliance)	
2. <i>The period of noncompliance, including dates and times; or if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance?</i> -----	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<u>Maintenance:</u> 1. <i>Does the owner or operator maintain the permitted facility, emission unit, or activity in good condition?</i> ----- [62-210.310(3)(g), F.A.C.]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

PART IV: <u>Comments</u> – List comments that provide detail to any violations or clarifies the inspection
Mr. McElamn stated that Verizon had restructured some time in 2011 and that Zach Feingold is no longer responsible for the permitted facility. Mr. McElman has been in this region for many years and was assigned responsibility for the facility’s Air Permit at that time of restructuring in 2011. I advised Mr. McElman to make administrative corrections to the Air General Permit through FDEP and provided him with website links and contact information to perform this task. I also informed him that since FDEP was not notified of the change in Authorized Representative within 30 days, it could be a non-compliance issue.
Fuel consumption records were generated and delivered by the Mr. McElman using the hours of operation from the engine and a generator burn rate of 38.7 gph (I did not verify the origin of this rate. Permit documentation states a 57 gph rate) to calculate a total gallons of diesel consumed. A few hours (3.4) were not calculated into the 2012 figures because the records did not account for hours the generator was used by the Demand Response program. I advised the Mr. McElman to be sure to include the total usage in the future as well as to clearly document the fuel consumption by type.
The electronic monitoring device that had been used to record fuel levels in the storage tank had not been operating correctly for all of 2012 and up until 4/2013 when it was repaired. These fuel level readings were what the facility had been using to calculate and record consumption in the past. This is why the fuel consumption for 2012 was calculated by converting engine run time into fuel consumption.
The facility appears to use far below the allowed fuel usage.
The facility was clean and in good condition.
No objectionable odors were detected.

 Brennan Farrington
Inspector’s Name

 6/1813
Date of Inspection

Inspector’s Signature

 ~4/2014
Approximate Date of Next Inspection