



PERCHLOROETHYLENE DRY CLEANERS



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 0090167 **DATE:** 3/1/07 **ARRIVE:** 4:01 **DEPART:** 4:31

FACILITY NAME: ATLANTIC DRY CLEANERS

FACILITY LOCATION: 1024 N A1A HWY
SATELLITE BEACH 32903

RESPONSIBLE OFFICIAL: PUNAM MATTA **PHONE:** (321)773-3388

CONTACT NAME: **PHONE:**

REMITTANCE YEAR: 2006 **ENTITLEMENT PERIOD:** 2/16/2007 / 2/16/2012
(effective date) (end date)

PART I: INSPECTION COMPLIANCE STATUS (check only one box)

IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: FACILITY CLASSIFICATION - Rule 62-213.300 FAC
(check only one box in A)

A. 1. Existing small area source
dry-to-dry only, $x < 140$ gal/yr
transfer only, $x < 200$ gal/yr
both types, $x < 140$ gal/yr
(constructed before 12/9/91)

2. New small area source
dry-to-dry only, $x < 140$ gal/yr
transfer only, $x < 200$ gal/yr
both types, $x < 140$ gal/yr
(constructed on or after 12/9/91)

3. Existing large area source
dry-to-dry only, $140 \leq x \leq 2,100$ gal/yr
transfer only, $200 \leq x \leq 1,800$ gal/yr
both types, $140 \leq x \leq 1,800$ gal/yr
(constructed before 12/9/91)

4. New large area source
dry-to-dry only, $140 \leq x \leq 2,100$ gal/yr
transfer only, $200 \leq x \leq 1,800$ gal/yr
both types, $140 \leq x \leq 1,800$ gal/yr
(constructed on or after 12/9/91)

5. Ineligible for General Permit
drop store/out of business/petroleum
facility exceeds above limits

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 39.6 gallons.

6/5/06 19.3 gal
10/10/06 19.3 gal
2/14/07 19.3 gal

30 gallons 3/22/06 30 gallons 11/08/06
Transport: MCF system
Designated Fac: Safety Klean

PART III: GENERAL CONTROL REQUIREMENTS – Rule 62-213.300 FAC

(check only one box for each question)

Does the responsible official of the dry cleaning facility:

1. Store perc, and wastes containing perc, in tightly sealed & impervious containers? Yes No N/A
2. Examine the containers for leakage? ----- Yes No N/A
3. Close and secure machine doors except during loading/unloading? ----- Yes No
4. Drain cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? ----- Yes No N/A
5. Maintain solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? ----- Yes No N/A

PART IV: PROCESS VENT CONTROLS – Rule 62-213.300 FAC

(Refer to Part II-A.1.-4. Classification: page 1 of 4, this form)

1. If the facility classification is a **Existing small area source**, no controls are required. **Proceed to Part V.**
2. If the facility classification is a **New small area source**, the machine should be equipped with a refrigerated condenser. **Complete section A. below.**
3. If the facility classification is a **Existing large area source**, the machine should be equipped with either a refrigerated condenser or a carbon adsorber. **Complete both sections A and B below.** *Carbon adsorber must have been installed prior to September 22, 1993*
4. If the facility classification is a **New large area source**, the machine should be equipped with a refrigerated condenser. **Complete both sections A and B below.**

A. Has the responsible official of all existing large area & new sources:

(check only one box for each question)

1. Equipped all machines with the appropriate vent controls? ----- Yes No
2. Equipped dry-to-dry machines with a closed-loop vapor venting system? ----- Yes No N/A
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? ----- Yes No N/A
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? ----- Yes No
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? ----- Yes No N/A
6. Conducted all temperature monitoring after an appropriate cool-down period and after verifying that the coolant had been completely charged? ----- Yes No

PART IV: PROCESS VENT CONTROLS – Rule 62-213.300 FAC (continued)

B. Does the responsible official of an existing large or new large area source also:

(check only one box for each question)

1. Measure and record the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? ----- Yes No
2. Measure and record the washer exhaust temperature at the condenser inlet and outlet weekly? ----- Yes No N/A
 - a) Is the temperature differential equal to, or greater than 20° F? ----- Yes No N/A
3. Measure and record the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped exclusively with a carbon adsorber? ----- Yes No N/A
 - a) Is the perc concentration equal to, or less than 100 ppm? ----- Yes No N/A
4. Assure that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction, or expansion; and downstream from no other inlet? ----- Yes No N/A
5. Equip transfer machines (dryers, reclaimers, and washers) with individual condenser coils? ----- Yes No N/A
6. Route airflow to the carbon adsorber (if used) at all times? ----- Yes No N/A

PART V: RECORDKEEPING REQUIREMENTS – Rule 62-213.300(3) FAC

Does the responsible official:

(check only one box for each question)

1. Maintain receipts for perc purchased? ----- Yes No
2. Maintain rolling monthly total of yearly perc consumption? ----- Yes No
3. Maintain leak detection inspection and repair reports for the following:
 - a) documentation of leaks repaired w/in 24 hrs? or; ----- Yes No N/A
 - b) documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? ----- Yes No N/A
4. Maintain calibration data? (for applicable direct reading instruments) ----- Yes No N/A
5. Maintain exhaust duct monitoring data on perc concentrations? ----- Yes No N/A
6. Maintain a startup/shutdown/malfunction plan? ----- Yes No
7. Maintain deviation reports? ----- Yes No N/A
 - a) Problem corrected? ----- Yes No N/A
8. Maintain a compliance plan, if applicable? ----- Yes No N/A

PART VI: LEAK DETECTION AND REPAIRS – Rule 62-213.300 FAC

(check only one box for each question)

1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak

- detection and repair inspection? ----- Yes No
2. Does the facility maintain a leak log? ----- Yes No
3. Does the responsible official check the following areas for leaks?
- | | | | |
|--|--|------------------------------|--|
| a) Hose connections, fittings, couplings, and valves ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | g) Muck cookers ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| b) Door gaskets and seating ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | h) Stills ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| c) Filter gaskets and seating----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | i) Exhaust dampers ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| d) Pumps ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | j) Diverter valves ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| e) Solvent tanks and containers-- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | k) Cartridge filter housings | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| f) Water separators ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | |

4. Which method(s) of detection (is/are) used by the responsible official?
- | | |
|---|--|
| a) Visual examination (condensed solvent on exterior surfaces) ----- | a) <input checked="" type="checkbox"/> |
| b) Physical detection (airflow felt through gaskets) ----- | b) <input checked="" type="checkbox"/> |
| c) Odor (noticeable perc odor) ----- | c) <input checked="" type="checkbox"/> |
| d) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) ----- | d) <input type="checkbox"/> ** (see below) |
| e) Halogen leak detector ----- | e) <input type="checkbox"/> |

- **If using direct-reading instrumentation, is the equipment:** ----- ****** N/A
- | | |
|--|---|
| 1) Capable of detecting perc vapor concentrations in a range of 0-500 ppm? ----- | 1) <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2) Calibrated against a standard gas prior to and after each use (PID/FID only)? ----- | 2) <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3) Inspected for leaks and obvious signs of wear on a weekly basis? ----- | 3) <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4) Kept in a clean and secure area when not in use? ----- | 4) <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5) Verified for accuracy by use of duplicate samples (calorimetric only)? ----- | 5) <input type="checkbox"/> Yes <input type="checkbox"/> No |

Rodell Rice
 Inspector's Name (Please Print)

3/01/07
 Date of Inspection

[Signature]
 Inspector's Signature

3/08
 Approximate Date of Next Inspection

COMMENTS:



Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Multimedia Inspection Summary - Dry Cleaner Industry

Form with fields: Date: 3/01/07, Entry Time: 4:01, Exit Time:
Facility Name: Atlantic Dry Cleaner
Location: 1024 N. A1A Hwy Ste. 148, Satellite Beach 32903
Phone: 321-773-3388, Fax: , Email:
Responsible Official: Punam Matta
AIRS ID# 009D167, EPA ID#: 6A09 FLCE596, DSCP ID#:
Type of Inspection: [X] Annual, [] Complaint/Discovery, [] Re-Inspection
Program Areas Inspected: [X] Air, [X] HW, [] Dry Cleaner Solvent Cleanup Program, [] Other

A Multimedia Inspection was conducted this date, under the authority of Section 403.091, Florida Statutes. This inspection is designed to determine compliance with state and federal environmental regulations as authorized and implemented in Chapter 403, Florida Statutes and Title 62, Florida Administrative Code.

Records Review:

- [] Not applicable
[X] Facility records were evaluated at the time of this inspection.
[] Submit records for review as directed by the inspector.
[] The Annual Compliance Certification form has been properly certified and submitted to the inspector.

Inspection Summary:

- [X] In Compliance with each program inspected
[] Out of Compliance with one or more program(s) inspected
[] To be determined

Corrective Action:

- [] The owner/operator is hereby requested to submit in writing, within ___ days of this inspection,
1) A description of all corrective actions taken,
2) A schedule for completion of corrective actions to be taken and
3) A description of efforts to prevent recurrence of the non-compliance items listed on page 2.
Submit these items to the address listed above. The actions taken within ___ days of this notice will be considered in determining whether enforcement, including the assessment of penalties, should be initiated.

IF YOU HAVE QUESTIONS, please contact this inspector at (407) 894-7555.

INSPECTOR (signature) [Signature] Date: 3/01/07

The undersigned person hereby acknowledges that he/she received a copy of this notice.
FACILITY PERSONNEL [Signature] Date: 2/1/07
Printed Name/Title P. MATTA