



# PERCHLOROETHYLENE DRY CLEANERS



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 1030341 **DATE:** 11/13/2007 **ARRIVE:** 11:00AM **DEPART:** 12:27PM  
**FACILITY NAME:** SCOTT'S CUSTOM CLEANERS  
**FACILITY LOCATION:** 755 N Indian Rocks Rd  
 BELLEAIR BLUFFS 33770-2019  
**RESPONSIBLE OFFICIAL:** MICHAEL BASSOUS **PHONE:** (727)585-4515  
**CONTACT NAME:** Michael Bassous **PHONE:**  
**REMITTANCE YEAR:** 2006 **ENTITLEMENT PERIOD:** 12/25/2004 / 12/25/2009  
(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 79 gallons.

**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 type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" 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 type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" 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 checked="" 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

Shea Jackson

11/13/2007

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

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

2008

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

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

**COMMENTS:**

- During the inspection of the facility, I met with the facility contact Robert Vinson, and the responsible official; Mr. Michael Bassous.
- I observed the calendar record logs, for 2006 and 2007. The record showed the ranges of the dry to dry to be maintaining a temperature range of -1 thru -4°C during dryer cool downs. The weekly leak checks had been performed and were up to date; the most recent entry was 9/11/2007.
- The calendars showed there had not been any purchase of Perc in 2006. Mr. Vinson stated he would not be purchasing Perc until 2008, and we found in calendar was 79 gallons.
- The most recent Hazardous waste manifest for the disposal of the Perchloroethylene and was 2 – 15 gallons container on 10/28/2007. I observed the Hazardous waste drum from the dry to dry equipment was sitting in the secondary containment.
- The facility had purchased the Halogen Detector Tek Mate. The operator, Robert Vinson will be learning how to use it. The owner, Mr. Bassous installed two batteries in it for use.
- Mr. Vinson stated that they had purchased the new boiler, because the old one broke down. I observed the new 50 HP Hurst boiler. The stack for the boiler was at the north end of the unit, and ducted outside to the roof top. I inquired as to the odor they had complained about during my previous inspection. Mr. Bassous, stated they had to raise the boiler stack because the CO emissions were venting back into the building. (See Photo). Mr. Bassous stated he was having the stack raised up to 8 feet above the roofline to reduce the odors coming into the facility. He is on waiting list to have work done. They contacted the company that installed and were booked up, so they had contacted another contractor. I spoke to Tim, who did not give last name, and he stated he was going to raise the stack for the facility. I informed him that some times the type of rain cap on a boiler can cause issue when it redirects the fumes back down toward the ground.
- I informed Mr. Bassous of the citizen complaint on his facility CC# 63449. I gave him a list of what the citizen's had informed me along with an odor complaint on his property. The list included, shed too close to fence (not proper setback), debris and rats on fence line, RV parked too close to fence, drainage from facility roof draining onto the adjacent property to the south, at 2329 Belmar Drive (Mr. John Tsoulfas 409-5126 ). Could be improperly using the property, as they thought it to be factory, and is

only zoned as a commercial land use. Smoke from stack, is actually the (Steam vent), was not coming from the main boiler stack. The boiler stack was in the tree top. Exhaust wall fans venting down hot air onto the adjacent south property. The noise from the boiler operation starts early 6am. The lenth was cut through to install the stack, and was not high enough off the roof line.

- He stated the facility operations shut down at 2PM. The boiler is turned off. He stated he would look into raising the steam vent to above the roof line also. He stated the RV was cited by the Sheriff and the owner, Jim Scott went and had it taken care of, was considered grandfather in, and was not a violation? He stated they would clean up the pipes and debris along the back side of the fence. He stated he did not think the drainage was going onto the south property; it was going from west to east along the property line. He did not respond to the possible shed being not in proper setback. I advised him to do what he could regarding complaints from the good neighbor stand point, as I feel some of the issues are not codes violations, but I will have to refer to the codes division the citizens concerns, the ones that could be code violations.

- I informed Mr. Vinson; the facility appeared to be in compliance at this time regarding the dry cleaning operation. I will refer the citizen's complaints to the City of Bellair Code enforcement, Robert at 727-581-6808.

- I informed Mr. Vinson; the facility appeared to be in compliance at this time. Mr. Bassous did not return to the facility to sign the annual certification, so I asked Robert to have him sign the form and mail it back to our office.

- I informed Mr. Bassous the facility inspection, and source dry to dry equipment appears to be in compliance at this time.

- I called Mr. Jim Scott at 560-5354. There was has the RV stored there. He wasn't cited by sheriff dept and has never been cited for its storage there, as Mr. Bassous had suggested during the inspection of the facility.

- I called the city of Bellair Bluffs Codes division - Robert David at 581-6808 and left a message to contact me in regards to the citizen complaint. Their building department had no record of a permit request for the installation of the boiler.