



# PERCHLOROETHYLENE DRY CLEANERS

## COMPLIANCE INSPECTION CHECKLIST



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

**AIRS ID#:** 1030418 **DATE:** 1/8/2008 **ARRIVE:** 10:00AM **DEPART:** 10:30AM

**FACILITY NAME:** HACIENDA DRY CLEANING FACILITY

**FACILITY LOCATION:** 551 Saturn Street  
CLEARWATER 33755-5500

**OWNER/AUTHORIZED REPRESENTATIVE:** DAVIN THOMPSON **PHONE:** (727)442-4791

**CONTACT NAME:** same **PHONE:** (639)103-5

**ENTITLEMENT PERIOD:** 3/2/2003 / 3/2/2008  
(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 75.2 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 -----

☒ Yes ☐ No ☐ N/A

g) Muck cookers -----

☐ Yes ☐ No ☒ N/A

b) Door gaskets and seating -----

☒ Yes ☐ No ☐ N/A

h) Stills -----

☒ Yes ☐ No ☐ N/A

c) Filter gaskets and seating -----

☒ Yes ☐ No ☐ N/A

i) Exhaust dampers -----

☒ Yes ☐ No ☐ N/A

d) Pumps -----

☒ Yes ☐ No ☐ N/A

j) Diverter valves -----

☐ Yes ☐ No ☒ N/A

e) Solvent tanks and containers--

☒ Yes ☐ No ☐ N/A

k) Cartridge filter housings

☒ Yes ☐ No ☐ N/A

f) Water separators -----

☒ Yes ☐ No ☐ N/A

4. Which method(s) of detection (is/are) used by the responsible official?

a) Visual examination (condensed solvent on exterior surfaces) -----

a) ☒

b) Physical detection (airflow felt through gaskets) -----

b) ☒

c) Odor (noticeable perc odor) -----

c) ☒

d) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) -----

d) ☐ \*\*(see below)

e) Halogen leak detector -----

e) ☐

**\*\*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) ☐ Yes ☐ No

2) Calibrated against a standard gas prior to and after each use (PID/FID only)? -----

2) ☐ Yes ☐ No

3) Inspected for leaks and obvious signs of wear on a weekly basis? -----

3) ☐ Yes ☐ No

4) Kept in a clean and secure area when not in use? -----

4) ☐ Yes ☐ No

5) Verified for accuracy by use of duplicate samples (calorimetric only)? -----

5) ☐ Yes ☐ No

Shea Jackson

1/8/2008

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 Wiso Gossetti, the responsible official Mr. Davin Thompson and Kelsi Nuez, assistant operator were not on site.
- I observed the Real Star T35 dryer machine, it was not in operation at this time, Mr. Gossetti stated they had finished the morning cycle.
- I observed the calendar record logs, and the dryer maintains a temperature range of -1°C thru - 7 °C during dryer cool down up to October.
- I reviewed the 2006 and 2007 dryer records. The highest 12-month consecutive total was 96.3 gallons through calendar 2007 year. Mr. Gossetti stated he was now the new assistant and had replaced Kelsi Nuez for maintaining the dry cleaning equipment. The calendar record keeping had stopped after the 1st week of October 2007. Mr. Gossetti stated he did not maintain the calendar records, Perc purchase receipts and Hazardous waste manifest copies. I informed him that who ever was checking the equipment should be maintaining the records. I asked if there were any more Perc purchases since October, and he located a purchase invoice for November for 19.3 gallons. I advised him that the purchase invoices should be stapled into the calendars. He stated that they sent the invoices to the corporate office. I informed him that the purchase invoices had to be kept on site, and he would need to keep a copy for inspections.
- I informed them that SBEAP would not be sending out the 2008 calendars for record keeping. I gave him a copy of the information for Internet link so could download a copy of calendar. I told him the records had to be maintained on weekly bases.
- The facility has a maintenance contractor (MFI) check all the hoses and replaces if any leaks are observed on monthly bases.
- The hazardous material black waste drums and separator water is disposed of with Hazardous waste. The containers are located in the secondary containment behind the drying equipment. One of the drums was sitting on floor. Mr. Wiso stated he had placed there to get behind machine. I informed him he would need to get additional secondary containment, as drums could not stay on floor outside of secondary containment.

- I observed a Hazardous container, that Mr. Wiso stated contained filter cartridges. The filters are baked, and cool down before disposal into drums. This was sitting in secondary containment adjacent to the boiler room.
- Mr. Wiso stated the facility is still in process of purchasing a new dryer a DF 2000 Hydro Carbon machine, which will use a solvent, instead of perchloroethylene
- I gave copies of P2 handouts, and state of Florida water separator guidelines. I advised him regarding the requirement to purchase Halogen detector devices as of July 27, 2008. I noted this had to be purchased on the inspection summary notice. I advised, if they do not get the Hydro Carbon detector they could result in a violation.
- I gave him a copy of my business card, and told him if there were any questions could call me, and I told him to contact me if they remove the Perc dryer.
- The permit was due to be renewed by 1/2/2007 I informed Mr Wiso that the notification should have been sent in already. Mr. Wiso stated he thought that had been done. I told him that if the permit expires they could be in violation. (I checked ARMS in office and found no notification was posted as received for renewal of permit.)
- The responsible official did not sign the annual certification, so I left the copy with Mr. Wiso and instructed him to have RO sign and mail to our office. I gave him copy of the inspection summary report informing of deficiencies which needed to be corrected and told him an warning letter may be issued.