



PERCHLOROETHYLENE DRY CLEANERS



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 1030373 **DATE:** 6/11/2007 **ARRIVE:** 11:50PM **DEPART:** 12:20PM

FACILITY NAME: QUICK CLEANERS

FACILITY LOCATION: 3420 Tampa Road
PALM HARBOR 34684

RESPONSIBLE OFFICIAL: YASMIN ESMAIL

PHONE: (727)786-3665

CONTACT NAME: Richard Rich

PHONE: (813)963-069

REMITTANCE YEAR: 2006

ENTITLEMENT PERIOD: 1/28/2005 / 1/28/2010
(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 no usage since 2001 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 type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	h) Stills -----	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
c) Filter gaskets and seating -----	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	i) Exhaust dampers -----	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
d) Pumps -----	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	k) Cartridge filter housings	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
f) Water separators -----	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 checked="" 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

Shea L. Jackson

6/11/2007

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 Mr. Richard Rich the facility contact. Mr. Rich stated they do no laundry at the facility is a drop store only.
- The responsible official, Yasmin Esmail was not at this shop. We called her in regards to my inspection. I spoke to her over the phone and informed her of need for her to send the certification to me when complete.
- Mr. Richard Rich stated the owner was still in the process of finding a part to repair the dryer and return it to operational. I informed him if the equipment is restarted to contact me. I informed him that as long as the dryer remained on site, an annual inspection would be made to observe the machine is not in operation.
- I asked him to call me if the dryer was repaired. I inspected the dryer in the rear area of the shop. The dryer was not in operation. The equipment was shut off completely. There appeared to be some Perc remaining in the reservoir, but not sure could be just a water mark on the glass. The dryer secondary containment and area surrounding the machine was dry. The dryer did not appear to have been in operation for a long time. There were boards lying against the machine, still and was difficult to get to dryer front.
- I did not detect perchloroethylene odors during observation of the dryer.
- The rest of the shops washers had been dismantled.
- I told him to make sure that he records in the calendar, that there is no Perchloroethylene usage and if restarts contact our office and start making records in the calendar if starts use of dryer again.
- I reviewed the calendar records. The calendars for 2006 and 2007 were blank. The only notation in the calendars was comments' stating the dryer was not being operated. I advised the contact to continue to mark in calendars the dry is not in operation
- I Informed Mr. Rich on the summary form, that I was leaving the Annual Certification form and my card for Mrs. Esmail. I requested her sign and mail the form back to our office.
- 6/20/2007 - I called 813-963-0699 and spoke to a clerk at the other Quick Cleaners in Tampa. I left another message for Mrs. Esmail, and requested she mail in the annual certification.

