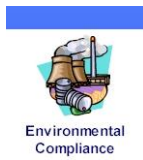




PERCHLOROETHYLENE DRY CLEANERS



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 103 0381	Date: 9/26/2011 Time In: 11:10AM Time Out: 11:40AM
Facility Name:	Arome Dry Cleaners
Facility Location:	1969 Sunset Point Road Clearwater, FL, 33765
Responsible Official:	DeeAnn Kerrutt Phone No: 727-562-9339
Emis. Unit Description:	Existing, Small Perchloroethylene Dry Cleaner: One Dry-to-dry machine (1990 Mira Clean, Dual 235) with a refrigerated condenser (not required). An exempt 15 HP propane fired boiler is on-site.
Permit Number:	1030381-005-AG Exp. Date: 12/13/2013
Facility Contact:	DeeAnn Kerrutt Phone: 727-562-9339
Compliance Status:	<input checked="" type="checkbox"/> IN <input type="checkbox"/> MNC <input type="checkbox"/> SNC

PART I: NOTIFICATION (Check appropriate box)

- Existing facility notified DARM by 9/1/96
- New facility notified DARM 30 days prior to startup
- Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
 No Notification Form Drop-Off Store Out of business Petroleum Solvent Only

- A.**
- | | |
|--|--|
| <u>1. Existing small area source</u>
Dry-to-dry only, x <140 gal/yr
Transfer only, x <200 gal/yr <input checked="" type="checkbox"/>
Both types, x <140 gal/yr
(Constructed before 12/9/91) | <u>2. New small area source</u>
Dry-to-dry only, x <140 gal/yr
Transfer only, x <200 gal/yr <input type="checkbox"/>
Both types, x <140 gal/yr
(Constructed on or after 12/9/91) |
| <u>3. Existing large area source</u>
Dry-to-dry only, 140 > x <2,100 gal/yr
Transfer only, 200 > x <1,800 gal/yr <input type="checkbox"/>
Both types, 140 > x <1,800 gal/yr
(Constructed before 12/9/91) | <u>4. New large area source</u>
Dry-to-dry only, 140 > x <2,100 gal/yr
Transfer only, 200 > x <1,800 gal/yr <input type="checkbox"/>
Both types, 140 > x <1,800 gal/yr
(Constructed on or after 12/9/91) |

This is a correct facility classification Y N Can not determine

If no, please check the appropriate classification:

- Facility qualified for a general permit as number ___ above.
- Facility exceeds above limits and is not eligible for a general permit

B. Highest 12-month consecutive total of perchloroethylene purchased in the preceding 12-month period: 88.6 Gallons. Month with highest use was August 2011. Did facility exceed limits Y N

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility: (Check appropriate boxes)

- | | | | |
|---|---------------------------------------|----------------------------|--|
| 1. Storing perchloroethylene in tightly sealed and impervious containers? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 2. Examining the containers for leakage? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 3. Closing and securing machine doors except during loading/unloading? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification (1) has been checked, no controls are required. **Proceed to Part V.**

If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)

If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). A Carbon adsorber must have been installed prior to September 22, 1993.

If classification (4) has been checked, machine should be equipped with a refrigerated condenser (complete A and B below.)

A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)

- | | | | |
|--|---------------------------------------|----------------------------|--|
| 1. Equipped all machines with the appropriate vent controls? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |

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

- | | |
|--|--|
| 1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?
Is the temperature differential equal to or greater than 10°F? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 3. Measured and recorded the perc concentration weekly at the end of the final drying cycle while the machine is venting to the atmosphere, if machines are equipped with a carbon adsorber?
Is the perc concentration or less than 10 ppm? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 4. Assured that the sampling position on adsorber exhaust for measuring perc. concentrations is at least 10 duct diameters downstream of any bend, contraction, or expansion; is at least 10 diameters upstream from any bend contraction, or expansion; and downstream from the adsorber inlet? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 6. Routed airflow to the carbon adsorber (if used) at all times? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:

(Check appropriate boxes)

- | | |
|--|--|
| 1. Maintained receipts for perc purchased? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 2. Maintained rolling monthly averages of perc consumption? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 3. Maintained leak detection inspection and repair reports for the following: | |
| a. Documentation of leaks repaired w/in 24 hrs? or; | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 4. Maintained calibration data? (<i>direct reading instruments only</i>) | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 5. Maintained exhaust duct monitoring data on perc concentrations? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 6. Maintained startup/shutdown/malfunction plan? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 7. Maintained deviation reports? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| Problem corrected? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 8. Maintained compliance plan, if applicable? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |

PART VI: LEAK DETECTION AND REPAIRS

- | | |
|---|--|
| 1. Does the responsible official conduct weekly leak detection and repair inspection? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
|---|--|

2. Which method of detection does the responsible official use?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Visual examination (condensed solvent of exterior surfaces)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Physical detection (airflow felt through gaskets)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Odor (noticeable perc odor)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Use of direct-reading instrumentation (FID/PID/calorimetric tubes)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
If using direct-reading instrumentation, is the equipment:	<input type="checkbox"/> Y	<input type="checkbox"/> N
a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm	<input type="checkbox"/> Y	<input type="checkbox"/> N
b. Calibrated against a standard gas prior to and after each use (PID/FID only).	<input type="checkbox"/> Y	<input type="checkbox"/> N
c. Inspected for leaks and obvious signs of wear on a weekly basis?	<input type="checkbox"/> Y	<input type="checkbox"/> N
d. Kept in a clean and secure area when not in use.	<input type="checkbox"/> Y	<input type="checkbox"/> N
e. Verified for accuracy by use of duplicate samples (calorimetric only)?	<input type="checkbox"/> Y	<input type="checkbox"/> N
3. Has the facility maintained a leak log?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
4. The following area should be checked for leaks by the operator:	<input type="checkbox"/> Y	<input type="checkbox"/> N
Hose connections, fitting couplings, and valves	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Door gaskets and seating	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Filter gaskets and seating	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Pumps	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Solvent tanks and containers	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Water separators	<input type="checkbox"/> Y	<input type="checkbox"/> N
Muck cookers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Stills	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Exhaust dampers	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Diverter valves	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Cartridge Filter housing	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

Shea Jackson	September 26, 2011
Inspector's Name (Please Print)	Date of Inspection
	Within one year of this inspection
Inspector's Signature	Date of Next Inspection

System Inspection and Leak Detection

Are the following dry cleaning system components inspected weekly for perceptible leaks (sight, smell or touch) while the system is in operation (§63.322(k))? (Inspection with a halogenated hydrocarbon detector or PCE gas analyzer also fulfills the requirement for inspection of perceptible leaks.) Y N NA

Are the following dry cleaning system components inspected monthly for vapor leaks using a halogenated hydrocarbon detector or PCE gas analyzer while the system is in operation? (Any inspection conducted according to this paragraph shall satisfy the requirements to conduct an inspection for perceptible leaks under §63.322(k) or (l).) Y N NA

- (1) Hose and pipe connections, fittings, couplings, and valves;
- (2) Door gaskets and seatings;
- (3) Filter gaskets and seatings;
- (4) Pumps;
- (5) Solvent tanks and containers;
- (6) Water separators;
- (7) Muck cookers;
- (8) Stills;
- (9) Exhaust dampers;
- (10) Diverter valves; and
- (11) All Filter housings

Is the halogenated hydrocarbon detector or PCE gas analyzer operated according to the manufacturer's instructions? Y N NA

Is the vapor leak inspection conducted by placing the probe inlet at the surface of each component interface where leakage could occur and moving it slowly along the interface periphery? Y N NA

Is the PCE gas analyzer a flame ionization detector, photo ionization detector, or infrared analyzer capable of detecting vapor concentrations of PCE of 25 parts per million by volume? Y N NA

Is the halogenated hydrocarbon detector capable of detecting vapor concentrations of PCE of 25 parts per million by volume and indicating a concentration of 25 parts per million by volume or greater by emitting an audible or visual signal that varies as the concentration changes? Y N NA

ADDITIONAL SITE INFORMATION

Facility Name: Arome Dry Cleaners

ARMS #: 103 0381

Inspection Comments:

- *I performed a compliance re -inspection to observe the dry cleaning equipment for repairs and determine if Perchloroethylene leaks had been resolved for the non compliance enforcement case.*
- *I met with the facility the responsible official Mrs. De Ann Kerrutt on site.*
- *I checked the calendar record and found she had been recording weekly temperature and leak checks for 2010 - 2011. She was up to date maintaining the records with comments to reflect the repairs to the machine. Mrs. Kerrutt has repair receipts, purchase invoices, and waste disposal invoices attached to the calendars.*
- *The facility Perc 12- month consecutive totals was 69.3 gallons and is currently under the 140 -gallon limit for this classification.*
- *We observed the dry to dry machine, and Mrs. Kerrutt performed the Perc leak check using the halogen leak detector. She passed the detector sensor tip around the doors, traps and rear pipe areas and no alarm or perc leak was detected during inspection.*
- *There were no Perc odors detected during the inspection at the front or rear of the dry to dry machine.*
- *The facility was in compliance at this time.*

ADDITIONAL SITE INFORMATION

Facility Name:	Arome Dry Cleaners
ARMS #:	103 0381

Machine #1:			
Manufacturer	Mira Clean	Capacity	lbs
Model#	235	Serial#	Mfg yr 1990

Machine #2:			
Manufacturer		Capacity	lbs
Model#		Serial#	Mfg yr

Notification (unpermitted sources only):

- 1. Was the facility assisted in filling out the notification by the inspector? Y N
- 2. Did the facility insist on filling out its own notification, and will send it to FDEP? Y N

Record keeping :

- 1. Does facility have statement/specs as to the design accuracy of the temperature sensor? Y N
(Temperature of 45⁰F w/accuracy +/- 2⁰F, or 7.2EC w/accuracy of +/- 1.1⁰C)

Hazardous Waste:

- 1. Is all perc. contaminated wastewater either treated or disposed of properly? Y N
- 2. If wastewater is evaporated, is it an approved system, and using carbon filtration? Y N
- 3. Does the facility have secondary containment for the dry-dry machine? Y N
- 4. Does the facility have secondary containment for any perc. waste containers? Y N

Boiler:

Manufacturer	Fulton	Hp	15
Model #		Serial #	Mfg yr

Fuel Type: Natural gas? Propane? Fuel oil?

Comments: Boiler exempt Emission unit

Arome Dry Cleaners

1969 Sunset Point Road, Clearwater

CONDENSER TEMPERATURE LOG

Date	Temperature	Is Temp less than or equal to 45°F (7.2°C)?
9/10/11	45°	Y/N
		Y/N
9/21/11	45°	Y/N
		Y/N

SEPTEMBER 2011

Total from last month AUGUST 2011 12 Month Running Total	88.60	
Subtract PERC purchased SEPTEMBER 2010	-19.30	
SUBTOTAL	69.30	
Purchase Date of Perc.	Purchase Amount in gal SEPT 2011	12 Month Running Total
	+	
	+	

REMINDER:
DO NOT HAVE ANY FLOOR DRAINS LEADING TO A SEWER SEPTIC TANK OR STORM WATER DRAIN ANYWHERE NEAR THE AREA WHERE SOLVENT IS PRESENT.

INSPECTED	LEAKING?						DATE PARTS		DATE
	9/10/11		9/21/11		ORDERED	RECEIVED	REPAIRED		
HOSES	N	Y	N	Y	N	Y			
DOORS	N	Y	N	Y	N	Y			
PUMP	N	Y	N	Y	N	Y			
SOLVENT TANKS	N	Y	N	Y	N	Y			
WATER SEPARATOR	N	Y	N	Y	N	Y			
STILL/MUCK COOKER	N	Y	N	Y	N	Y			
HALOGEN LEAK DETECTOR	N	Y	N	Y	N	Y			
DIVERTER VALVE/EXHAUST DAMP	N	Y	N	Y	N	Y			
GASKET/DOOR LINT/BUTTON TRAP	N	Y	N	Y	N	Y			
CARTRIDGE FILTER/SPIN DISC	N	Y	N	Y	N	Y			
WASTE CONTAINERS	N	Y	N	Y	N	Y	Labeled Y N	DATED Y N COVERED Y N	

Project Id: 79964 **Permit No:** 1030381-005-AG **Arms Number:** 0381

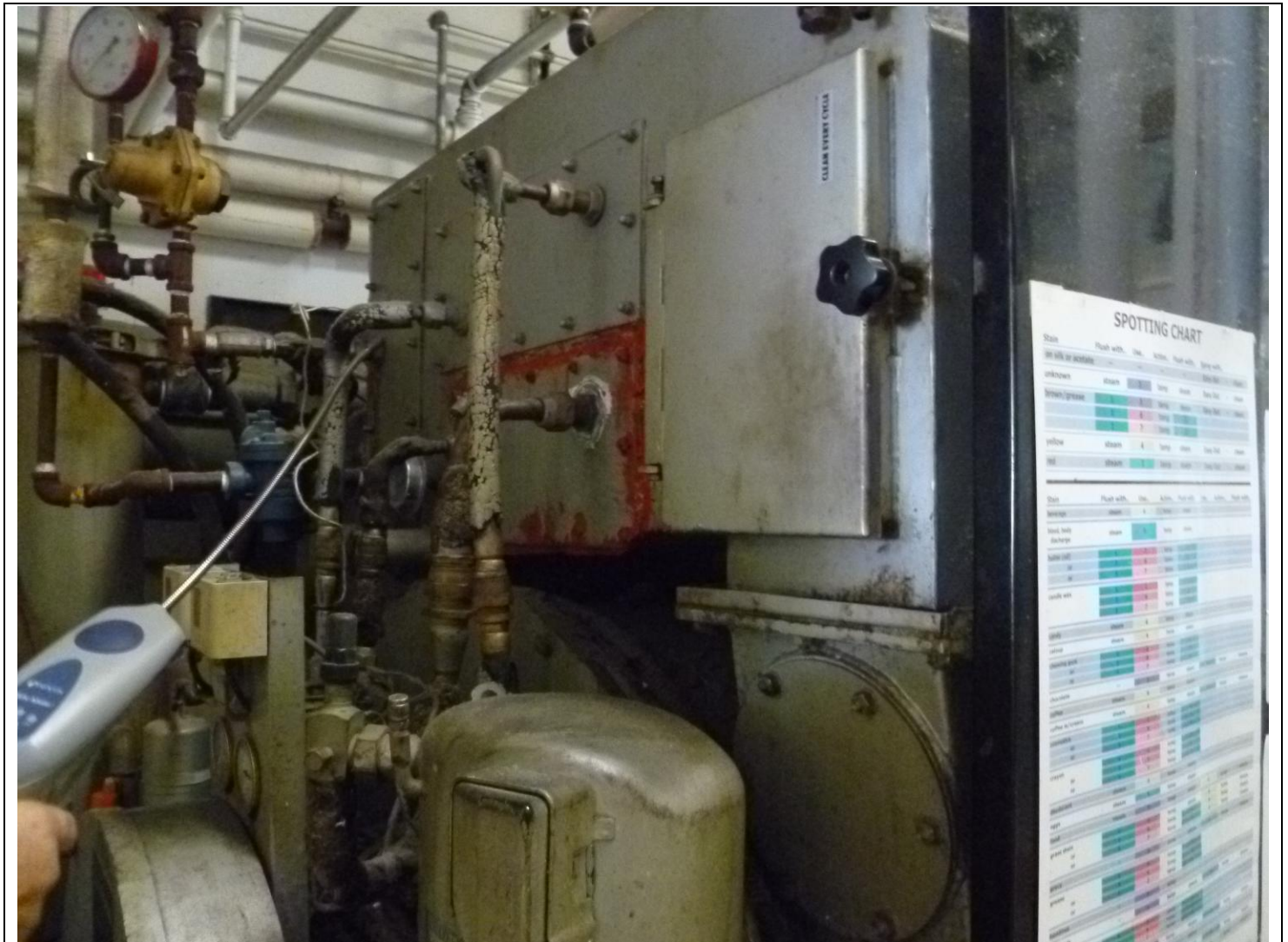
Inspector: Shea Jackson **Inspection Date / Time:** 9/26/2011 / _____

Source (EU): Existing, Small Perchloroethylene Dry Cleaner: One Dry-to-dry machine (1990 Mira Clean, Dual 235) with a refrigerated condenser (not required). An exempt 15 HP propane fired boiler is on-site.

Description: [The facility records were up to date and leak and temperature checks performed]

Arome Dry Cleaners

1969 Sunset Point Road, Clearwater



Project Id: 79964 **Permit No:** 1030381-005-AG **Arms Number:** 0381

Inspector: Shea Jackson **Inspection Date / Time:** 9/26/2011 / _____

Source (EU): Existing, Small Perchloroethylene Dry Cleaner: One Dry-to-dry machine (1990 Mira Clean, Dual 235) with a refrigerated condenser (not required). An exempt 15 HP propane fired boiler is on-site.

Description: [Halogen detector and odor check of the rear areas and seals no Perc odors detected at re-inspection of repairs.]