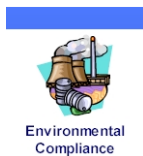




PERCHLOROETHYLENE DRY CLEANERS



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 103 0418	Date: 4/21/2009	Time In: 3:15 PM	Time Out: 3:45PM
Facility Name:	Church of Scientology Flag Crew		
Facility Location:	551 North Saturn Avenue Clearwater, FL, 33756		
Responsible Official:	Louis Orlando (Wiso) Gossett	Phone No:	727-442-4791
Emis. Unit Description:	New, Small Perchloroethylene Dry Cleaner: One Dry-to-dry machine (1997) with refrigerated condenser.		
Permit Number:	1030418-003-AG	Exp. Date:	3/5/13
Facility Contact:	Louis Orlando (Wiso) Gossett	Phone:	727-442-4791
Compliance Status:	<input checked="" type="checkbox"/> IN	<input type="checkbox"/> MNC	<input type="checkbox"/> SNC
Glen Stilos 461-1282			

PART I: NOTIFICATION (Check appropriate box)

1. Existing facility notified DARM by 9/1/96	<input type="checkbox"/>
2. New facility notified DARM 30 days prior to startup	<input checked="" type="checkbox"/>
3. Facility failed to notify DARM to use general permit	<input type="checkbox"/>

PART II: CLASSIFICATION

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

A.

<p><u>1. Existing 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 before 12/9/91)</p> <p><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)</p>	<p><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)</p> <p><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)</p>
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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 N/A 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: 0 Gallons. Month with highest use was N/A. 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 type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 2. Examining the containers for leakage? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 3. Closing and securing machine doors except during loading/unloading? | <input 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 type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" 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 type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" 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? Y N NA
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? Y N 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? Y N 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? Y N NA
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N NA
6. Routed airflow to the carbon adsorber (if used) at all times? Y N NA

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:

(Check appropriate boxes)

1. Maintained receipts for perc purchased? Y N NA
2. Maintained rolling monthly averages of perc consumption? Y N NA
3. Maintained leak detection inspection and repair reports for the following:
 - a. Documentation of leaks repaired w/in 24 hrs? or; Y N 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? Y N NA
4. Maintained calibration data? (*direct reading instruments only*) Y N NA
5. Maintained exhaust duct monitoring data on perc concentrations? Y N NA
6. Maintained startup/shutdown/malfunction plan? Y N NA
7. Maintained deviation reports?
Problem corrected? Y N NA
8. Maintained compliance plan, if applicable? Y N NA

PART VI: LEAK DETECTION AND REPAIRS

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

Shea Jackson	4/21/2009
Inspector's Name (Please Print)	Date of Inspection
Inspector's Signature	Within one year of this inspection
	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:	Church of Scientology Flag Crew
ARMS #:	103 0418

Inspection Comments:

- **During the inspection met with Mr. Luigi, who was now in charge of the dry cleaning operation.**
- **The Real Star Dry to Dry machine had been removed from the facility and replaced with a new Union dryer HL 6600 which uses Hydro carbon solvent from Exxon called 2000. Mr. Luigi stated the drum is equipped with hose to hook up and machine pulls solvent into tank with pump. (See photos)**
- **Mr. Luigi showed a copy of the invoice from the company which removed the Real Star and disposed of Perchloroethylene properly. (See photo)**
- **There were no Perchloroethylene odors on site.**
- **I spoke to Glen Stilos while on site, and requested he submit a rescind letter to our Department to inactivate the permit and close the air permit file. He stated they would send the letter in as soon as possible.**
- **This facility and file will be closed and inactivated from the ARMS system.**

ADDITIONAL SITE INFORMATION

Facility Name:	Church of Scientology Flag Crew
ARMS #:	103 0418

Machine #1:			
Manufacturer	Real Star removed from site	Capacity	lbs
Model#	T35	Serial#	Mfg yr

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	Parker	Hp	
Model #	Serial #	Mfg yr	

Fuel Type: Natural gas? Propane? Fuel oil?

Comments: Boiler exempt

**Church of Scientology Flag Crew Hacienda
Gardens Dry Cleaning**
551 North Saturn Avenue, Clearwater



Project Id: 68895 **Permit No:** 1030418-003-AG **Arms Number:** 0418

Inspector: Shea Jackson **Inspection Date / Time:** 4/21/09

Source (EU): New, Small Perchloroethylene Dry Cleaner: One Dry-to-dry machine (1997) with refrigerated condenser.

Description: [This is the machine a Union HL 6600 that uses a non Perchloroethylene solvent for cleaning.]

**Church of Scientology Flag Crew Hacienda
Gardens Dry Cleaning**
551 North Saturn Avenue, Clearwater



Project Id: 68895 **Permit No:** 1030418-003-AG **Arms Number:** 0418

Inspector: Shea Jackson **Inspection Date:** 4/21/09

Source (EU): New, Small Perchloroethylene Dry Cleaner: One Dry-to-dry machine (1997) with refrigerated condenser.

Description: [This is the Hydrocarbon solvent DF 2000, used now for the new machine]

