



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

January 17, 1997

Mr. Raymond J. Alvarez
Rainbow Dry Cleaners, Inc.
4502 West Village Drive
Tampa, Florida 33624

Re: Facility I.D. No. 0571089

Dear Mr. Alvarez:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on September 10, 1996.

Please note that in January of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is \$50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and is subject to the requirements of the Title V general permit.

If you have or expect to have any changes in your mailing address, location address, responsible official, or phone number, please notify the Department at the following address:

Title V General Permits Office
Bureau of Air Monitoring and Mobile Sources, MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

If there are any changes in the facility status, including change of operating parameters or equipment, or if you have any additional questions regarding the Title V General Permit Program, please contact the District or local air program compliance inspector in your area.

Sincerely,

Dotty Diltz, Chief
Bureau of Air Monitoring
and Mobile Sources

DD/jw

cc: Mr. Thomas Shelton, Hillsborough County

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

✓

TITLE V AIR QUALITY GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

TIME IN: <u>1515</u>	TIME OUT: <u>1640</u>	AIRS ID#: <u>0571089</u>
TYPE OF FACILITY: <u>PERC Dry Cleaner</u>		
FACILITY NAME: <u>Rainbow Dry Cleaner, Inc.</u>		DATE: <u>6/3/97</u>
FACILITY LOCATION: <u>4502 W Village Drive</u> <u>Tampa, FL 33624</u>		
RESPONSIBLE OFFICIAL: <u>Raymond Alvarez</u>		PHONE NUMBER: <u>(813) 963-3119</u>

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED

COMMENTS:

The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES NO

DATE OF NEXT INSPECTION: ~ 1 year
(Approximate)

INSPECTION CONDUCTED BY: James D. Holton
(Please Print)

INSPECTOR'S SIGNATURE: Jim D. Holton PHONE NUMBER: (813) 272-5530

0571089

P. 14

1. (a) add date control device installed
1. (c) should not be marked
3. new small area source should be marked

P. 15

4. new small r. c. should be marked
- (f) should be marked

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):	Rainbow Dry Cleaners, Inc.
2. Site Name (For example, plant name or number):	
3. Hazardous Waste Generator Identification Number:	FLD 981026172.
4. Facility Location: Street Address: City: 4502 West Village Dr. Tampa, FL	County: Hillsborough Zip Code: 33624
5. Facility Identification Number (DEP Use):	0571089

Responsible Official

6. Name and Title of Responsible Official:	Raymond J. Alvarez, President
7. Responsible Official Mailing Address: Organization/Firm: RAINBOW DRY CLEANERS, INC. Street Address: 4502 West Village Dr. City: TAMPA, FL 33624	County: Hillsborough Zip Code: 33624
8. Responsible Official Telephone Number: Telephone: (813) 963-3119	Fax: () -

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):	
10. Facility Contact Address: Street Address: City:	County: Zip Code:
11. Facility Contact Telephone Number: Telephone: () -	Fax: () -

RECEIVED

SEP 10 1996

695
110
125
990

Facility Information

1.(a) Provide the information below for each machine at the facility. Indicate the type of machine, the date of its purchase, and the date the control device was installed, if applicable.

Type of Machine	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed
<i>Example</i>		<i>#1 03-OCT-93</i>	<i>12-NOV-93</i>	<i>#2</i>	<i>08-DEC-91</i>		<i>#3</i>	<i>02-MAR-92</i>	<i>02-MAR-92</i>
Dry-to-Dry Unit		<i>24-June-94</i>							
(1) w/ ref. condenser									
(2) w/ carbon adsorber	<input checked="" type="checkbox"/>								
(3) w/ no controls									
Washer Unit									
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit									
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit									
(10) w/ ref. condenser									
(11) w/carbon adsorber									
(12) w/ no controls									

(b) Control devices are required, but not yet installed

(c) No control devices are required to be installed

2.(a) What was the total quantity of perchloroethylene (perc) purchased in the latest 12 months?

gallons ✓

(b) If less than 12 months, how many? months

Check why it is less than 12 months: New owner: New store: Did not keep records:

3. What is the facility's source classification based on the definitions found in section (3) of Part II?

(Indicate with an "X". Select one classification only.)

Existing small area source

New small area source

Existing large area source

New large area source

4. What control technology is required on machines pursuant to section (5) of Part II of this notification form?
(Indicate with an "X".)

Existing large area source

Carbon adsorber

Refrigerated condenser

New small area source

Refrigerated condenser

New large area source

Refrigerated condenser

5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site:

All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.

All steam and hot water generating units exempt

No such units on-site

Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

(a) Purchase receipts and solvent purchases

(b) Leak detection inspection and repair

(c) Refrigerated condenser temperature monitoring

(d) Carbon adsorber exhaust perc concentration monitoring

(e) Instrument calibration

(f) Start-up, shutdown, malfunction plan

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s) _____.

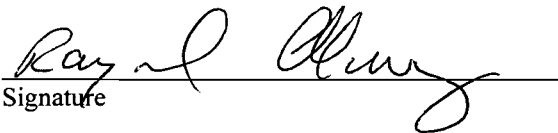
No air permits currently exist for the operation of the facility indicated in this notification form.

Responsible Official Certification

I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.

I will promptly notify the Department of any changes to the information contained in this notification.

Signature



Date

8 / 31 / 96

Please corrected
the items identified
and mail to:

Return completed form to:

Florida Department of Environmental Protection
Bureau of Air Monitoring and Mobile Sources
Mail Station 5510
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

For assistance, call Small Business Assistance Program
(800) 722-7457

You must re-sign the form
on page 16 of 16 and date
it the day corrections
were made. If you
have any question contact:



Environmental Protection Commission
of Hillsborough County

Bruce M. King, QEP
Engineer
Air Management Division

1410 N. 21st Street
Tampa, Florida 33605

Telephone:
(813) 272-5530
Fax: (813) 272-5605

0571089

P. 14

1. (a) add date control device installed

1. Facility Owner

Rainbow

1. (c) should not be marked

2. Site Name (For)

3. Hazardous Waste

FLD

3. new small area source should be marked

4. Facility Location

Street Address:

City: 450 TAM

P. 15

4. new small v. c. should be marked

5. Facility Identification

33624

(f) should be marked

39

6. Name and Title

RAYM

7. Responsible Official Mailing Address:

Organization/Firm: RAINBOW DRY CLEANERS, INC.

Street Address: 4502 West Village Dr.

City: TAMPA, FL 33624 County: Hillsborough Zip Code: 33624

8. Responsible Official Telephone Number:

Telephone: (813) 963-3119

Fax: () -

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):

10. Facility Contact Address:

Street Address:

City:

County:

Zip Code:

11. Facility Contact Telephone Number:

Telephone: () -

Fax: () -

RECEIVED

SEP 10 1996

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner): <i>Rainbow Dry Cleaners, Inc.</i>
2. Site Name (For example, plant name or number):
3. Hazardous Waste Generator Identification Number: <i>FLD 981026172</i>
4. Facility Location: Street Address: City: <i>4502 West Village Dr. Tampa, FL</i> County: <i>Hillsborough</i> Zip Code: <i>33624</i>
5. Facility Identification Number (DEP Use): <i>0541089</i>

Responsible Official

6. Name and Title of Responsible Official: <i>Raymond Jr. Alvarez, President</i>
7. Responsible Official Mailing Address: Organization/Firm: <i>RAINBOW DRY CLEANERS, INC.</i> Street Address: <i>4502 West Village Dr.</i> City: <i>TAMPA, FL 33624</i> County: <i>Hillsborough</i> Zip Code: <i>33624</i>
8. Responsible Official Telephone Number: Telephone: <i>(813) 963-3119</i> Fax: () -

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):
10. Facility Contact Address: Street Address: City: County: Zip Code:
11. Facility Contact Telephone Number: Telephone: () - Fax: () -

RECEIVED

SEP 10 1996

Facility Information

1.(a) Provide the information below for each machine at the facility. Indicate the type of machine, the date of its purchase, and the date the control device was installed, if applicable.

Type of Machine	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed
<i>Example</i>									
	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-92
Dry-to-Dry Unit		24-June-94							
(1) w/ ref. condenser									
(2) w/ carbon adsorber	✓								
(3) w/ no controls									
Washer Unit									
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit									
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit									
(10) w/ ref. condenser									
(11) w/carbon adsorber									
(12) w/ no controls									

(b) Control devices are required, but not yet installed

(c) No control devices are required to be installed

2.(a) What was the total quantity of perchloroethylene (perc) purchased in the latest 12 months?

115 gallons ✓

(b) If less than 12 months, how many? 9 months

Check why it is less than 12 months: New owner: New store: Did not keep records:

3. What is the facility's source classification based on the definitions found in section (3) of Part II?

(Indicate with an "X". Select one classification only.)

Existing small area source

New small area source

Existing large area source

New large area source

4. What control technology is required on machines pursuant to section (5) of Part II of this notification form?
(Indicate with an "X".)

Existing large area source

Carbon adsorber

Refrigerated condenser

New small area source

Refrigerated condenser

New large area source

Refrigerated condenser

5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site:

All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.

All steam and hot water generating units exempt
No such units on-site

Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

- (a) Purchase receipts and solvent purchases
- (b) Leak detection inspection and repair
- (c) Refrigerated condenser temperature monitoring
- (d) Carbon adsorber exhaust perc concentration monitoring
- (e) Instrument calibration
- (f) Start-up, shutdown, malfunction plan

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s) _____

No air permits currently exist for the operation of the facility indicated in this notification form.

Responsible Official Certification

I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.

I will promptly notify the Department of any changes to the information contained in this notification.

Ray L. Almy
Signature

8 | 31 | 96
Date
1 2 97

Ray L. Almy

AIRS ID#: 0571089

ACC

RECEIVED Revised 10/10/95

**DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM JUN 09 1997**

FACILITY NAME: Rainbow Dry Cleaners, Inc. DATE of 6/3/97
 FACILITY LOCATION: 4502 West Village Drive AIR MANAGEMENT
Tampa, Fl. 33624

Annual Reporting Period: 10/1 1996 TO 6/2 1997

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____ **RECEIVED**
 Action(s) taken to achieve compliance: _____ JUN 11 1997
 Method used to demonstrate compliance: _____ Bureau of Air Monitoring & Mobile Sources

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____
 Action(s) taken to achieve compliance: _____
 Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to-dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: RAYMOND J ALVARO Ray J Alvaro 6/3 97
Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
 RE-INSPECTION

AIRS ID#: 0571089 DATE: 6/3/97 TIME IN: 1515 TIME OUT: 1640
 FACILITY NAME: Rainbow Day Cleaners, Inc.
 FACILITY LOCATION: 4502 W Village Drive
 Tampa, FL 33624

PART I: NOTIFICATION

(check appropriate box)

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

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
 (check appropriate box)

A.

<p>1. Existing small area source <input type="checkbox"/> 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)</p>	<p>2. New small area source <input checked="" type="checkbox"/> 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)</p>
<p>3. Existing large area source <input type="checkbox"/> dry-to-dry only, $140 < x < 2,100$ gal/yr transfer only, $200 < x < 1,800$ gal/yr both types, $140 < x < 1,800$ gal/yr (constructed before 12/9/91)</p>	<p>4. New large area source <input type="checkbox"/> dry-to-dry only, $140 < x < 2,100$ gal/yr transfer only, $200 < x < 1,800$ gal/yr both types, $140 < x < 1,800$ gal/yr (constructed on or after 12/9/91)</p>

This is a correct facility classification Y N

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. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 110 gallons.

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? Y N N/A
- 2. Examining the containers for leakage? Y N N/A
- 3. Closing and securing machine doors except during loading/unloading? Y N
- 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N
- 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N N/A

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). *Carbon adsorber must have been installed prior to September 22, 1993*

If classification 4 has been checked, the 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? Y N
- 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N N/A
- 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N N/A
- 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? Y N
- 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? Y N N/A
- 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? Y N

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
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N
Is the temperature differential equal to or greater than 20° F? Y N
3. Measured and recorded 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 with a carbon adsorber? Y N N/A
Is the perc concentration equal to or less than 100 ppm? Y N
4. Assured 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? Y N
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A
6. Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

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

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly leak detection and repair inspection? Y N

2. Which method of detection is used by the responsible official?

- Visual examination (condensed solvent on exterior surfaces)
- Physical detection (airflow felt through gaskets)
- Odor (noticeable perc odor)
- Use of direct-reading instrumentation (FID/PID/calorimetric tubes)

If using direct-reading instrumentation, is the equipment:

- a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm? Y N
- b. Calibrated against a standard gas prior to and after each use (PID/FID only)? Y N
- c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N
- d. Kept in a clean and secure area when not in use? Y N
- e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

3. Has the facility maintained a leak log? Y N

4. Does the responsible official check the following areas for leaks?

- | | | | |
|---|--|---------------------------|--|
| Hose connections, fittings, couplings, and valves | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Muck cookers | <i>n/a</i> <input type="checkbox"/> Y <input type="checkbox"/> N |
| Door gaskets and seating | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Stills | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| Filter gaskets and seating | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Exhaust dampers | <i>n/a</i> <input type="checkbox"/> Y <input type="checkbox"/> N |
| Pumps | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Diverter valves | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| Solvent tanks and containers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Cartridge filter housings | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| Water separators | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | | |

Raymond J. Alvarez
Name of Responsible Official

James O. Holtz
Inspector's Name (Please Print)

James O. Holtz
Inspector's Signature

6/3/97
Date of Inspection

~ 1 year
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION: Rainbow Dry Cleaners

- Spoke with store manager, Mr. Jim Nicholas
- This facility has a perc dry-to-dry machine, model Renzacci Serena Sun 530, S/N 10295. Capacity is 55#, and unit construction date was 1989. Machine was upgraded for emissions controls in 1994.
- Facility's application indicated, on page 14 of 16, that a carbon adsorber was installed on June 24, 1994. The adsorber installed on this machine is of the design to remove trace amounts of perc that exist in the air drawn to this filter only when the door is open. The refrigerated condenser is the primary emissions vent control.
- Facility keeps good records. Leak checks are required bi-weekly at this facility, but are performed weekly.
- Perc supply is switched between Tampa Bay Cleaning Supply and Phenix, and Waste pick-up is by Safety Kleen.

ccc

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

AIRS ID#0571089
RAINBOW DRY CLEANERS INC RAYMOND J ALVAREZ 4502 WEST VILLAGE DRIVE TAMPA FL 33624

RECEIVED
 JAN 26 1998
 Bureau of Air Monitoring
 & Mobile Sources

Do NOT Remove Label

Annual Reporting Period: _____ 19____ TO _____ 19____

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

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 MAIL ROOM
 JAN 26 1998

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: Virginia Alvarez Virginia Alvarez 1/19/98
 Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

ccc

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

Bureau of Air Monitoring
& Mobile Sources
SEP - 4 1998
RECEIVED

AIRS ID#0571089

RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

RECEIVED
JAN 26 1998
Bureau of Air Monitoring
& Mobile Sources

Do NOT Remove Label

Annual Reporting Period: June 3, 19 97 TO January 9 19 98

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

RECEIVED
MAIL ROOM
JAN 26 1998

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon purchase receipts, does not exceed 2,100 gallons per year for dry-to-dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: Virginia Alvarez Raymond Alvarez 1/19/98

Name (Please Print) Signature Date

RAYMOND J. ALVAREZ Raymond J Alvarez

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

**TITLE V AIR QUALITY GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

TIME IN: 9:30	TIME OUT: 11:30	AIRS ID#: 571089
TYPE OF FACILITY: PERC DRY CLEANER		
FACILITY NAME: RAINBOW DRY CLEANERS	DATE: 8/6/98	
FACILITY LOCATION: 4502 W. VILLAGE DR. TAMPA, FL 33624		
RESPONSIBLE OFFICIAL: RAYMOND ALVAREZ	PHONE NUMBER: (813) 963-3119	

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED
	<p style="font-size: 2em; margin: 0;">RECEIVED</p> <p style="font-size: 1.2em; margin: 0;">SEP 17 1998</p> <p style="margin: 0;">Bureau of Air Monitoring & Mobile Sources</p>

COMMENTS:

The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES NO

DATE OF NEXT INSPECTION: 1 YEAR
(Approximate)

INSPECTION CONDUCTED BY: ROGER ZHU
(Please Print)

INSPECTOR'S SIGNATURE: *[Signature]* PHONE NUMBER: (813) 272-5530

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#: 571089 DATE: 8/6/98 TIME IN: 0930 TIME OUT: 1130
FACILITY NAME: RAINBOW DRY CLEANERS
FACILITY LOCATION: 4502 W. VILLAGE DR.
TAMPA, FL 33624
RESPONSIBLE OFFICIAL: RAYMOND ALVAREZ PHONE: (813) 963-3119
CONTACT NAME: SAIME PHONE: SAIME

PART I: NOTIFICATION

(check appropriate box)

1. New facility notified DARM 30 days prior to startup

2. Facility failed to notify DARM to use general permit N/A

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(check appropriate box) No notification form
 Drop store/out of business/petroleum

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. 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. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 140 gallons.

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? Y N N/A
2. Examining the containers for leakage? Y N N/A
3. Closing and securing machine doors except during loading/unloading? Y N
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N N/A
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N N/A

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). *Carbon adsorber must have been installed prior to September 22, 1993*

If classification 4 has been checked, the 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? Y N
2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N N/A
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N N/A
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? Y N
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? Y N N/A
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? Y N

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
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N N/A
Is the temperature differential equal to or greater than 20° F? Y N N/A
3. Measured and recorded 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 with a carbon adsorber? Y N N/A
Is the perc concentration equal to or less than 100 ppm? Y N N/A
4. Assured 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? Y N N/A
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A
6. Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

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

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection? Y N
2. Has the facility maintained a leak log? Y N
3. Does the responsible official check the following areas for leaks?

Hose connections, fittings, couplings, and valves	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	Muck cookers	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
Door gaskets and seating	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	Stills	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
Filter gaskets and seating	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	Exhaust dampers	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
Pumps	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	Diverter valves	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
Solvent tanks and containers	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	Cartridge filter housings	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
Water separators	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A		
4. Which method of detection is used by the responsible official?

Visual examination (condensed solvent on exterior surfaces)	<input checked="" type="checkbox"/>
Physical detection (airflow felt through gaskets)	<input checked="" type="checkbox"/>
Odor (noticeable perc odor)	<input checked="" type="checkbox"/>
Use of direct-reading instrumentation (FID/PID/calorimetric tubes)	<input type="checkbox"/>
Halogen leak detector	<input type="checkbox"/>
If using direct-reading instrumentation, is the equipment:	<input checked="" type="checkbox"/> N/A
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

ROGER ZHU

Inspector's Name (Please Print)

8/6/98

Date of Inspection

Roger Zhu

Inspector's Signature

1 YEAR

Approximate Date of Next Inspection

INSPECTION REPORT FORM
ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY

FACILITY: Raymond Alvarez			PAGE 1 OF 1	
FACILITY ADDRESS: 4502 W. Village Drive			CITY: Tampa PHONE: (813) 963-3119	
MAILING ADDRESS: Same		CITY: Tampa	FLA	ZIP: 33624
INSPECTION DATE: Aug 6, 1998	TIME IN: 9:30	TIME OUT: 11:30	INSPECTION TYPE: non-CDS	STATUS: In Compliance
NEDS NUMBER: 571089				
SOURCE DESCRIPTION: Perc Dry Cleaner				
CONTACT(S): Raymond Alvarez				

Today's visit was to conduct the annual inspection. This facility is kept very clean and I didn't notice any leak or odors while the machine was in operation today.

The dry cleaning machine is the same one noted in the last inspection and well maintained apparently.

Mr. Alvarez's record keeping is in a good shape. The temperature measurement and the leak inspection were logged consistently on a weekly basis. The perc consumption within the last 12 months was 140 gallons according to the purchase receipts.

Ms. Alvarez keeps the owners manual on site which includes startup, shutdown and malfunction plan.

INSPECTED BY: Roger Zhu	DATE: Aug 6, 1998
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**TITLE V AIR QUALITY GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

TIME IN: 10: AM TIME OUT: 11: AM AIRS ID#: 571089
 TYPE OF FACILITY: PERC DRY CLEANER
 FACILITY NAME: RAINBOW DRY CLEANERS DATE: 7, 27, 99
 FACILITY LOCATION: 4502 W. VILLAGE DR.
TAMPA, FL 33624
 RESPONSIBLE OFFICIAL: RAYMOND ALVAREZ PHONE NUMBER: (813) 963-3119

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED

RECEIVED
 AUG 10 1999
 Bureau of Air Monitoring
 & Mobile Sources

COMMENTS:

The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES NO

DATE OF NEXT INSPECTION: 11 years
 (Approximate)

INSPECTION CONDUCTED BY: Mohammad Nozari
 (Please Print)

INSPECTOR'S SIGNATURE: M. Nozari PHONE NUMBER: (813) 272-5530

AIRS ID#: 571089

ACE

Revised 10/10/96

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: RAINBOW DRY CLEANERS DATE: 7-27-99
 FACILITY LOCATION: 4502 W. VILLAGE DR.
TAMPA, FL 33624

Annual Reporting Period: Jan 19 19 98 TO July 27, 19 99

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____
 Action(s) taken to achieve compliance: _____
 Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____
 Action(s) taken to achieve compliance: _____
 Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: Raymond Alvarez Ray Alvarez 7-27-99
 Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#:	<u>571089</u>	DATE:	<u>July 27, 1999</u>	TIME IN:	<u>10: Am</u>	TIME OUT:	<u>11: Am</u>
FACILITY NAME:	<u>RAINBOW DRY CLEANERS</u>						
FACILITY LOCATION:	<u>4502 W. VILLAGE DR.</u>						
	<u>TAMPA, FL 33624</u>						
RESPONSIBLE OFFICIAL:	<u>RAYMOND ALVAREZ</u>	PHONE:	<u>(813) 963-3119</u>				
CONTACT NAME:	<u>SAME</u>	PHONE:	<u>SAME</u>				

PART I: NOTIFICATION

(check appropriate box)

1. New facility notified DARM 30 days prior to startup *N/A*
2. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(check appropriate box)

- No notification form
 Drop store/out of business/petroleum

A.

- | | |
|--|--|
| 1. Existing small area source <input type="checkbox"/>
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 <input checked="" type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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. 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 YES above
 facility exceeds above limits and is not eligible for a general permit

- B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 100 gallons.

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? Y N N/A
- 2. Examining the containers for leakage? Y N N/A
- 3. Closing and securing machine doors except during loading/unloading? Y N
- 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N N/A
- 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N N/A

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). *Carbon adsorber must have been installed prior to September 22, 1993*

If classification 4 has been checked, the 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? Y N
- 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N N/A
- 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N N/A
- 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? Y N
- 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? Y N N/A
- 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? Y N

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
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N N/A
Is the temperature differential equal to or greater than 20° F? Y N N/A
3. Measured and recorded 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 with a carbon adsorber? Y N N/A
Is the perc concentration equal to or less than 100 ppm? Y N N/A
4. Assured 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? Y N N/A
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A
6. Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

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

PART VI: LEAK DETECTION AND REPAIRS

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

Mohammad Nozari
Inspector's Name (Please Print)

July 27, 1999
Date of Inspection

M. Nozari
Inspector's Signature

1 Year
Approximate Date of Next Inspection

INSPECTION REPORT FORM
ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY

FACILITY: Rainbow Dry Cleaners

PAGE 1 OF 1

FACILITY ADDRESS: 4502 West Village Drive

CITY: Tampa

PHONE: (813)963-3119

MAILING ADDRESS: Same

CITY: Tampa

FLA

ZIP: 33624

INSPECTION DATE:

TIME IN:

TIME OUT:

INSPECTION TYPE:

STATUS:

July 27, 1999

10:00 AM

11:00 AM

Annual

In Compliance

NEDS NUMBER: 571089

SOURCE DESCRIPTION: Perchloroethylene (Perc) Dry Cleaner

CONTACT(S): Raymond Alvared

The purpose of the visit was an annual inspection. We found the following:

1. The record keeping of the Perc purchases was very good and organized.
2. The gauge temperature reading was recorded weekly.
3. The vicinity around the dry cleaning machine was very clean and well maintained.
4. The Perc was loaded directly with a hookup connection. No container of perc was at the site.
5. The monthly averages for perc consumption was recorded correctly and the total for past 12 months was 100 gallons and it was verified.
6. The machines were in operation today. No leaks or odors were noticed.
7. The waste from the dry cleaning machine was properly store in the tied lid containers to be disposed in accordance with regulations.

INSPECTED BY:
Mohammad Nozari

DATE:
July 27, 1999

TITLE V AIR QUALITY GENERAL PERMIT
INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

TIME IN: 9:00 TIME OUT: 10:30 AIRS ID#: 5711289
 TYPE OF FACILITY: PEARL DRY CLEANER
 FACILITY NAME: RAINBOW DRY CLEANERS
 FACILITY LOCATION: 4502 W. VILLAGE DR.
 TAMPA, FL 33624
 RESPONSIBLE OFFICIAL: RAYMOND ALVAREZ PHONE NUMBER: (813) 963-3119

RECEIVED
 Bureau of Air Monitoring & Mobile Sources
 DATE: 7/7/00

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED

COMMENTS:

The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES NO

DATE OF NEXT INSPECTION: 1 YEAR
(Approximate)

INSPECTION CONDUCTED BY: ROGER ZHU
(Please Print)

INSPECTOR'S SIGNATURE: Roger Zhu PHONE NUMBER: (813) 272-5530

access

PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#: 571089 DATE: 7/7/00 TIME IN: 9:00 TIME OUT: 10:30
FACILITY NAME: RAINBOW DRY CLEANERS
FACILITY LOCATION: 4502 W. VILLAGE DR.
TAMPA, FL 33624
RESPONSIBLE OFFICIAL: RAYMOND ALVAREZ PHONE: (813)963-3119
CONTACT NAME: SAME PHONE: SAME

PART I: NOTIFICATION

(check appropriate box)

- 1. New facility notified DARM 30 days prior to startup
- 2. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(check appropriate box)

- No notification form
- Drop store/out of business/petroleum

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. 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 4 above
- facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 220 gallons.

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"/> N/A |
| 2. Examining the containers for leakage? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A |
| 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 type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A |
| 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"/> N/A |

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). *Carbon adsorber must have been installed prior to September 22, 1993*

If classification 4 has been checked, the 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 checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 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"/> N/A |
| 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |

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
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N N/A
Is the temperature differential equal to or greater than 20° F? Y N N/A
3. Measured and recorded 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 with a carbon adsorber? Y N N/A
Is the perc concentration equal to or less than 100 ppm? Y N N/A
4. Assured 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? Y N N/A
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A
6. Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

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

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection? Y N

2. Has the facility maintained a leak log? Y N

3. Does the responsible official check the following areas for leaks?

Hose connections, fittings, couplings, and valves Y N N/A

Muck cookers Y N N/A

Door gaskets and seating Y N N/A

Stills Y N N/A

Filter gaskets and seating Y N N/A

Exhaust dampers Y N N/A

Pumps Y N N/A

Diverter valves Y N N/A

Solvent tanks and containers Y N N/A

Cartridge filter housings Y N N/A

Water separators Y N N/A

4. Which method of detection is used by the responsible official?

Visual examination (condensed solvent on exterior surfaces)

Physical detection (airflow felt through gaskets)

Odor (noticeable perc odor)

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

Halogen leak detector

If using direct-reading instrumentation, is the equipment: N/A

a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm? Y N

b. Calibrated against a standard gas prior to and after each use (PID/FID only)? Y N

c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N

d. Kept in a clean and secure area when not in use? Y N

e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

ROGER ZHU

Inspector's Name (Please Print)

7/7/00

Date of Inspection

Roger Zhu

Inspector's Signature

1 YEAR

Approximate Date of Next Inspection

INSPECTION REPORT FORM
ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY

FACILITY: Rainbow Dry Cleaners

PAGE 1 OF 1

FACILITY ADDRESS: 4502 W. Village Drive

CITY: Tampa

PHONE: (813) 963-3119

MAILING ADDRESS: Same

CITY: Tampa

FLA

ZIP: 33624

INSPECTION DATE:

TIME IN:

TIME OUT:

INSPECTION TYPE:

STATUS:

July 7, 2000

9:00

10:30

non-CDS

In Compliance

NEDS NUMBER: 571089

SOURCE DESCRIPTION: Perc Dry Cleaner

CONTACT(S): Raymond Alvarez

Today's visit was to conduct the annual inspection.

The recordkeeping is in a good shape.

The facility is clean. The machine is in operation, no leaks or odors were noticed.

The perc usage was 220 gallons.

INSPECTED BY: Roger Zhu

DATE: July 7, 2000

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

300646

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID#0571089
RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273

Z 333 660 369

1999

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Continuation of PS Form 3800, April 1995
AIRS ID # 0571089

RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

PS Form 3800, April 1995

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

AIRS ID # 0571089

RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

4a. Article Number

2 333 660 369

4b. Service Type

- Registered Certified
- Express Mail Insured
- Return Receipt for Merchandise COD

7. Date of Delivery

2/13/99

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Addressee or Agent)

X *Raymond Alvarez*

PS Form 3817, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

Rainbow D.C. Inc.
4502 W. Village Dr.
Tampa, Fla. 33624



att: Rick Butler

5510

Title V Air General Permits
Bureau of Air Monitoring and Mo. ^{M5510}
Dept of Env. Pro.
2600 Blair Stone Rd.
Tallahassee, Fla. 32399-2400

32399+2400



Z 333 660 730

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided

AIRS ID # 0571089

RAINBOW DRY CLEANERS INC
RAYMOND J. ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

1999

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995

Fold at line over top of envelope to return address

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
 - Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

AIRS ID # 0571089

RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

4a. Article Number
Z 333 660 730

4b. Service Type

Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery
4/27/99

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X Will Koch

Thank you for using Return Receipt Service.



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0364369

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

RECEIVED
MAIL ROOM

MAR 17 99

TOTAL AMOUNT DUE: \$50.00



Do NOT Remove Label

AIRS ID # 0571089
RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

258228 ✓

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: \$50.00

RECEIVED
MAIL ROOM
JAN 16 97

Do NOT Remove Label

AIRS ID# 0571089
RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 9372 6902

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total	\$

Postmark
Here

10 AIRS ID # 0571089001AG
Reci RAYMOND J ALVAREZ
Street RAINBOW DRY CLEANERS INC
 4502 WEST VILLAGE DRIVE
City TAMPA FL 33624

alter)

Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

10 AIRS ID # 0571089001AG
 RAYMOND J ALVAREZ
 RAINBOW DRY CLEANERS INC
 4502 WEST VILLAGE DRIVE
 TAMPA FL 33624

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature *Ray Alvarez* Agent

Addressee

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail Express Mail
- Registered Return Receipt for Merchandise
- Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Copy from service label)

7000 0520 0020 9372 6902

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING ✓

389257

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: \$50.00

RECEIVED
MAIL ROOM
DEC - 9 99

Do NOT Remove Label

AIRS ID # 0571089
RAINBOW DRY CLEANERS INC
RAYMOND J ALVAREZ
4502 WEST VILLAGE DRIVE
TAMPA FL 33624

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

402406

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: \$50.00

*1-10-01
JL*

Do NOT Remove Label

AIRS ID # 0571089
 RAINBOW DRY CLEANERS INC
 RAYMOND J ALVAREZ
 4502 WEST VILLAGE DRIVE
 TAMPA FL 33624

Bureau of Air Monitoring
& Mobile Sources

JAN 12 2000

RECEIVED

RECEIVED
MAIL ROOM

FOR GOVERNMENT USE ONLY
 Org.: 37550101000 EO: A1
 Fund: 20-2-035001
 Obj.: 002273

Mr. Raymond J. Alvarez
19617 Michigan Ave.
Odessa, FL 33556



TITLE V - General Permit
Receipts
Post Office Box 3070
Tallahassee, FL 32315-3070

32315+3070

