



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

March 25, 1998

Mr. Nael Hannoush  
L & L Cleaners  
445 State Road 13, Suite 29  
Jacksonville, Florida 32259

Re: Facility No.: 0310442

Dear Mr. Hannoush:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on March 10, 1998.

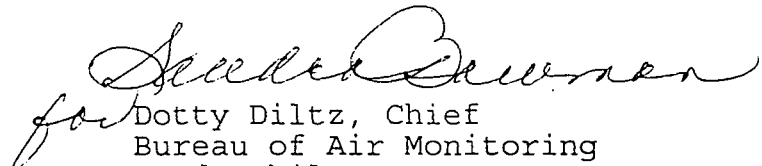
Please note that in January of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is \$50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and is subject to the requirements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

  
for Dotty Diltz, Chief  
Bureau of Air Monitoring  
and Mobile Sources

DD/jw

cc: Mr. Rick Banks, Northeast District

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

# Perchloroethylene Dry Cleaning Facility Notification

## Facility Name and Location

|  |
|--|
| 1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):<br><b>L &amp; L CLEANERS, INC. / Nael Hannoush</b>                  |
| 2. Site Name (For example, plant name or number):<br><b>L &amp; L CLEANERS</b>   |
| 3. Hazardous Waste Generator Identification Number:  |
| 4. Facility Location: <b>445 State Rd 13. Suite 29</b><br>Street Address:<br>City: <b>Jacksonville</b> County: <b>St. Johns</b> Zip Code: <b>32259</b> |
| 5. Facility Identification Number (DEP Use):<br><b>0310448</b>   |

## Responsible Official

|  |
|--|
| 6. Name and Title of Responsible Official:<br><b>Nael Hannoush (OWNER)</b>   |
| 7. Responsible Official Mailing Address:<br>Organization/Firm: <b>SAME</b><br>Street Address:<br>City: County: Zip Code: |
| 8. Responsible Official Telephone Number:<br>Telephone: <b>(904) 287-2606</b> Fax: <b>(904) 287-6812</b>                 |

## Facility Contact (If different from Responsible Official)

|  |
|--|
| 9. Name and Title of Facility Contact (For example, plant manager):                    |
| 10. Facility Contact Address:<br>Street Address:<br>City: County: Zip Code:            |
| 11. Facility Contact Telephone Number:<br>Telephone: ( ) - Fax: ( ) <b>MAR 10 1998</b> |

Bureau of Air Monitoring  
& Mobile Sources

**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                     |
| <b>Dry-to-Dry Unit</b> |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (1) w/ ref. condenser  | 1  | 01-JAN-98                        | 01-JAN-98                     | 2  | 1-JAN-98                         | 1-JAN-98                      | 3  | 1-JAN-98                         | 1-JAN-98                      |
| (2) w/ carbon adsorber |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (3) w/ no controls     |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| <b>Washer Unit</b>     |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (4) w/ ref. condenser  |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (5) w/ carbon adsorber |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (6) w/ no controls     |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| <b>Dryer Unit</b>      |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (7) w/ ref. condenser  |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (8) w/ carbon adsorber |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (9) w/ no controls     |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| <b>Reclaimer Unit</b>  |    |                                  |                               |    |                                  |                               |    |                                  |                               |
| (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?

100 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

3-4-1998  
\_\_\_\_\_  
Date

AIRS ID#: 1090  
0310442

ACC

Revised 10/10/96

### DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: L+L Cleaners DATE: 8-17-99  
FACILITY LOCATION: 445 S. R. 13 Suite 29  
Jacksonville, FL 32259

Annual Reporting Period: June 1998 TO June 1999

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: Asaf Korial Asaf Korial 8/20/99  
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.

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

TYPE OF INSPECTION: ANNUAL  COMPLAINT/DISCOVERY  RE-INSPECTION

TIME IN: 9:45 TIME OUT: 10:20 AIRS ID#: 0310442-1090442  
 TYPE OF FACILITY: DRY Cleaner  
 FACILITY NAME: L+L Cleaner DATE: 8-17-99  
 FACILITY LOCATION: 445 S.W. 13 Suite 29  
Jacksonville, FL 32259  
 RESPONSIBLE OFFICIAL: Nael Hannahsh PHONE NUMBER: 904-287-6812

- 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:

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

DATE OF NEXT INSPECTION: June -2000  
(Approximate)

INSPECTION CONDUCTED BY: Christopher L. Scott  
(Please Print)

INSPECTOR'S SIGNATURE: *Ch. L. Scott* PHONE NUMBER: 904-448-4310 x240

# PERCHLOROETHYLENE DRY CLEANERS

## TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL  COMPLAINT/DISCOVERY   
RE-INSPECTION

AIRS ID#: <sup>1090</sup> 0310442 DATE: 8-17-99 TIME IN: 9:45 TIME OUT: 10:20  
FACILITY NAME: L+L Cleaners  
FACILITY LOCATION: 445 S.R. 13 Suite 29  
Jacksonville, FL 32259  
RESPONSIBLE OFFICIAL: Nael Hannoush PHONE: 904-287-6812  
CONTACT NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

### 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<br>dry-to-dry only, $x < 140$ gal/yr<br>transfer only, $x < 200$ gal/yr<br>both types, $x < 140$ gal/yr<br>(constructed before 12/9/91) <input type="checkbox"/>   | 2. New small area source<br>dry-to-dry only, $x < 140$ gal/yr<br>transfer only, $x < 200$ gal/yr<br>both types, $x < 140$ gal/yr<br>(constructed on or after 12/9/91) <input checked="" type="checkbox"/>                                |
| 3. Existing large area source<br>dry-to-dry only, $140 \leq x \leq 2,100$ gal/yr<br>transfer only, $200 \leq x \leq 1,800$ gal/yr<br>both types, $140 \leq x \leq 1,800$ gal/yr<br>(constructed before 12/9/91) <input type="checkbox"/> | 4. New large area source<br>dry-to-dry only, $140 \leq x \leq 2,100$ gal/yr<br>transfer only, $200 \leq x \leq 1,800$ gal/yr<br>both types, $140 \leq x \leq 1,800$ gal/yr<br>(constructed on or after 12/9/91) <input type="checkbox"/> |
| 5. This is a correct facility classification <input checked="" type="checkbox"/> <input type="checkbox"/> N <input type="checkbox"/> 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 89.8 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 checked="" type="checkbox"/> Y <input type="checkbox"/> N <input 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 type="checkbox"/> Y <input type="checkbox"/> N <input checked="" 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 | <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

Christopher L. Scott  
Inspector's Name (Please Print)

8-17-99  
Date of Inspection

Chris L. Scott  
Inspector's Signature

June - 2000  
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

[Empty rectangular box for additional site information]

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

TYPE OF INSPECTION: ANNUAL  COMPLAINT/DISCOVERY  RE-INSPECTION

TIME IN: 11:00 TIME OUT: 11:35 AIRS ID#: 0310442-1090442  
 TYPE OF FACILITY: Dry Cleaner  
 FACILITY NAME: LFL Cleaners DATE: 6/10/98  
 FACILITY LOCATION: 445 S.R. 13 Suite 29  
Jacksonville, FL 32259  
 RESPONSIBLE OFFICIAL: Nael Hannoush PHONE NUMBER: 904-287-6812

- 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**  
 JUN 15 1998  
 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: 6/99 (Approximate)

INSPECTION CONDUCTED BY: Christopher Scott (Please Print)

INSPECTOR'S SIGNATURE: [Signature] PHONE NUMBER: 904-448-4310 X255

# PERCHLOROETHYLENE DRY CLEANERS

## TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:      ANNUAL                       COMPLAINT/DISCOVERY  
    RE-INSPECTION                     

**RECEIVED**  
 JUN 15 1998  
 Bureau of Air Monitoring  
 & Mobile Sources

AIRS ID#: 1090442 0310442      DATE: 6/8/98      TIME IN: 11:00      TIME OUT: 11:55  
 FACILITY NAME: L & L Cleaners  
 FACILITY LOCATION: 445 State Rd 13, Suite 29  
    Jacksonville, FL 32259  
 RESPONSIBLE OFFICIAL: Nael Hannoush      PHONE: 904-287-6812  
 CONTACT NAME: \_\_\_\_\_      PHONE: \_\_\_\_\_

**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:                       No notification form  
 (check appropriate box)                       Drop store/out of business/petroleum

**A.**

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

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 60 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

Christopher L. Scott  
Inspector's Name (Please Print)

6/11/98  
Date of Inspection

*Christopher L. Scott*  
Inspector's Signature

6/99  
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

All three are the same

Firbimatic

Bologna = ITALY

Model → Petite 35

ACC ✓

DRY CLEANER AIR QUALITY GENERAL PERMIT  
ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: LTC Cleaners DATE: 6/11/98

FACILITY LOCATION: 445 S.R. 13 Suite 29  
Jacksonville, FL 32259

Annual Reporting Period: June 1997 TO June 1998

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-215.300, 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: \_\_\_\_\_

RECEIVED  
JUN 15 1998  
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: Nael Hannaoush N. Hannaoush 6/11/98  
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.

Z 333 666 998

US Postal Service

AIRS ID # 1090442

L & L CLEANERS  
NAEL HANNOUSH  
445 SR 13 SUITE 29  
JACKSONVILLE FL 32259

1999

|   |    |
|---|----|
| Post Office, State, & ZIP Code                              |    |
| 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 the right of the return address

Is your RETURN ADDRESS completed on the reverse side?

- Complete items 1 and 2 for domestic 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:

L & L CLEANERS  
NAEL HANNOUSH  
445 SR 13 SUITE 29  
JACKSONVILLE FL 32259

AIRS ID # 1090442

4a. Article Number

Z 333 666 998

4b. Service Type

- Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery

2-27

5. Received By: (Print Name)

6. Signature (Addressee or Agent)

X *Nael Hannoush*

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

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Z 333 660 319 1999

US Postal Service  
**Receipt for Certified Mail**

AIRS ID # 1090442

L & L CLEANERS  
NAEL HANNOUSH  
445 SR 13 SUITE 29  
JACKSONVILLE FL 32259

PS Form 3800, April 1995

|   |           |
|---|-----------|
| 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 |           |
| <b>TOTAL Postage &amp; Fees</b>                             | <b>\$</b> |
| Postmark or Date  |           |

Fold at line over top of envelope to

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:

L & L CLEANERS  
NAEL HANNOUSH  
445 SR 13 SUITE 29  
JACKSONVILLE FL 32259

AIRS ID # 1090442

4a. Article Number

Z 333 660 319

4b. Service Type

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

7. Date of Delivery

2-24

5. Received By: (Print Name)

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

6. Signature: (Addressee or Agent)

X *Shel W. Airl*

Thank you for using Return Receipt Service.

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0361965

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

RECEIVED  
MAIL ROOM  
FEB 25 99

**TOTAL AMOUNT DUE: \$50.00**

**Do NOT Remove Label**

AIRS ID # 1090442

L & L CLEANERS  
NAEL HANNOUSH  
445 SR 13 SUITE 29  
JACKSONVILLE FL 32259

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