

Department of Environmental Protection

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

Virginia B. Wetherell Secretary

November 18, 1996

Mr. Bruce A. Heath Heath Cleaners 3695 54th Avenue North St. Petersburg, Florida 33714

Re: Facility I.D. No. 1030330

Dear Mr. Heath:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on September 3, 1996.

Please note that in November 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,

Dotty Diltz, Chief

Bureau of Air Monitoring

and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

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

TYPE OF INSPECTION:	ANNUAL 🗆	COMPLAINT/DISCOVERY □	RE-II	RE-INSPECTION Ø	
TIME IN: 10:45 a.m. TIME OU		UT: 11:15 a.m.	AIRS ID#	1030330 001	
TYPE OF FACILITY:	Perchloroethyle	ene Dry Cleaner			
FACILITY NAME:	Heath Cleaner	S DATE	E: February 9,	1998	
FACILITY LOCATION:	3695 54th Ave	N, St. Petersburg, FL 33	714		
RESPONSIBLE OFFICIA	AL: Bruce Heath	PHONE NUMBI	ER: (813) 526-	3478	
to be in compliance	with DEP Rule 62-213 of the compliance req	uirements evaluated during thi 3.300, Florida Administrative uirements evaluated during thi	Code (F.A.C.).		
COMPLIANCE REQUIRE	EMENT/PROBLEM	FOLLOW-UP	ACTION REC	QUIRED	
Evaporator for separator wincorporate a pre-filtration		Facility may choose to either separator water as hazardous filtration system with the evaguidelines).	waste, or inco	rporate a carbon	
		nonths. Warning Letter to be			
		2			
The Annual Compliance Certifica DATE OF NEXT INSPECTIC INSPECTION CONDUCTED INSPECTOR'S SIGNATURE	BY:	ly certified and submitted to the inspection of the property 23 (Approximate) Tell More (Please Print) PHONE NUMBE	, 1998 ris	4422	
	10//	Page i of L		Revised 10/96	

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RECEVED

DRY CLEANER AIR QUALITY GENERAL PERMIT NOV 1 0 1997 ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: Heath Cleaners DA FACILITY LOCATION: 3695 54th Ave N St. Peters burg: FL 33714 Annual Reporting Period: October 21, 1996 TO October Based on each term or condition of the Title V general air permit, my facility has remained in compliance with 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES If NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous complete the permit that has not been in continuous co	Mobile Monitoring
FACILITY LOCATION: 3698 54th Ave N St. Peters burg, FL 33714 Annual Reporting Period: October 21, 1996 TO October Based on each term or condition of the Title V general air permit, my facility has remained in compliance with 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES If NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the general permit that has not been in continuous compliance during the reporting permit of the second of the sec	Mobile Sources. TE: 10/2//17
Annual Reporting Period: October 21, 1996 TO October Based on each term or condition of the Title V general air permit, my facility has remained in compliance with 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES If NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the reporting permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has not been in continuous compliance during the permit that has n	
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#1. Term or condition of the general permit that has not been in continuous compliance during the reporting p	n DEP Rule
Monthly aurobase recipieds were not maint	
Monthly purchase records were not maint	period stated above:
Exact period of non-compliance: from October 21, 1996 to October	- 21, 1997
Action(s) taken to achieve compliance: Develop and implement a recompliance: Procedure that maintains maintains method used to demonstrate compliance: (perc) as a 12 month rolling	cord keeping onthly purch gaverage.
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting p	period stated above:
Evaporator for separator wastewater does a	ot incorpore
a pre-filtration system. Exact period of non-compliance: from October 21, 1996to October	•
Action(s) taken to achieve compliance: Facility may choose to either perc-containing separator w	dispose (otation
Method used to demonstrate compliance: hazardous waste or incor Carbon filtration system wit	porate a y evaporato
As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, a made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethyle upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or year for transfer or combination facilities.	ene solvent, based
RESPONSIBLE OFFICIAL: BRUCE HEATH Suite Name (Please Print) Signature	

^{*}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.

AIRS ID#: 1030330

RECEIVED

DRY CLEANER AIR QUALITY GENERAL PERMIT

NOV 1 0 1997

ANNUAL COMPLIANCE CERTIFICATION FORM	reau of Air Monitoring & Mobile Sources
FACILITY NAME: Heath Cleaner DA	TE: 10/21/97
FACILITY LOCATION: 3695 54th Aven	
St Petersburg, FL 33714	
Annual Reporting Period: October 21, 1996 TO October	21, 1997
Based on each term or condition of the Title V general air permit, my facility has remained in compliance with 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES	h DEP Rule A NO
If NO, complete the following:	
#1. Term or condition of the general permit that has not been in continuous compliance during the reporting I	period stated above:
Did not store perc, and perc-containing tightly sealed containers Exact period of non-compliance: from October 21, 1996 to October	waste in 21,1997
Action(s) taken to achieve compliance: Store all perc and perc-con Waste in tightly sealed cont Method used to demonstrate compliance: are impervious and chemic to solvent.	taining rainers which only unreaction
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting p	
Did not maintain a log of leak detection and repair records Exact period of non-compliance: from October 21, 1996 to October	n inspectie
Action(s) taken to achieve compliance: Develop and implement a least to demonstrate compliance: Develop and implement a least to specific programme of the pair programme of t	/
As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, is made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethyle upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or year for transfer or combination facilities.	ene solvent, based
RESPONSIBLE OFFICIAL: BRUCE HEATH Sum Death Name (Please Print) Signature	/o-2/-97 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 RE-INSPECTION	ON COMPLAINT/DISCOVERY ON
AIRS ID#: 1030330 DATE: 10/21, FACILITY NAME: Heath	197 TIME IN: 11:300.7 TIME OUT: 1:30p.m.
FACILITY LOCATION: 3695 54	
	rshurg, FL 33714
	ath PHONE: 526-3478
CONTACT NAME: Bruce He	ath PHONE: 526-3478
PART I: NOTIFICATION	
(check appropriate box) 1. New facility notified DARM 30 days proof to state 2. Facility failed to notify DARM to use general pe	J
The state of the s	
PART II: CLASSIFICATION	
Facility indicated on notification form that it is: (check appropriate box) A.	☐ No notification form ☐ Drop store/out of business/petroleum
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, $140 \le x \le 2,100$ gal/yr transfer only, $200 \le x \le 1,800$ gal/yr both types, $140 \le x \le 1,800$ gal/yr (constructed before $12/9/91$)	4. New large area source dry-to-dry only, $140 \le x \le 2,100$ gal/yr transfer only, $200 \le x \le 1,800$ gal/yr both types, $140 \le x \le 1,800$ gal/yr (constructed on or after $12/9/91$)
5. This is a correct facility classification	✓Y □N □Can not determine
	eation: neral permit as number above nits and is not eligible for a general permit
B. The total quantity of perchloroethylene (perc) pu facility was 20 gallons.	irchased within the preceding 12 months by this dry cleaning

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?	MY ON ON/A				
2. Examining the containers for leakage?	MY ON ON/A				
3. Closing and securing machine doors except during loading/unloading?	MA ON				
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	DY ON ON/A				
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	DY DN DN/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?	מם עם				
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	OY ON ON/A				
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	· OY ON ON/A				
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	OY ON				
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	OY ON ON/A				
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?	מס עם				

B. Has the responsible official of an existing large or new large area source also:					
Measured and recorded the exhaust temperature on the outlet side of the condenser le on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ocated OY ON				
Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	OY ON ON/A				
Is the temperature differential equal to or greater than 20° F?	OY ON ON/A				
3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the maching is venting to the adsorber,					
if machines are equipped with a carbon adsorber?	OY ON ON/A				
Is the perc concentration equal to on less than 100 ppm?	OY ON ON/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?	OY ON ON/A				
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON ON/A				
6. Routed airflow to the carbon adsorber (if used) at all times?	OY ON ON/A				

PART V: RECORDKEEPING REQUIREMENTS					
Has the responsible official: (check appropriate boxes)					
1. Maintained receipts for perc purchased?	r dy dy				
2. Maintained rolling monthly averages of perc consumption?	DY WN				
3. Maintained leak detection inspection and repair reports for the following:					
a. documentation of leaks repaired w/in 24 hrs? or;	DY DN DN/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?	OY W ON/A				
4. Maintained calibration data? (for applicable direct reading instruments)					
5. Maintained exhaust duct monitoring data on perc concentrations?					
6. Maintained startup/shutdown/malfunction plan?					
7. Maintained deviation reports?					
Problem corrected?					
8. Maintained compliance plan, if applicable?	OY ON MYA				

PA	PART VI: LEAK DETECTION AND REPAIRS								
l.	Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair								
	inspection?			DY DN					
2.	Has the facility maintained a leak log?			DY DN					
3.	Does the responsible official check the	following areas for lea	ks?						
	Hose connections, fittings, couplings, and valves	DAY ON ON/A	Muck cookers	DY ON ON/A					
	Door gaskets and seating	DAY ON ON/A	Stills	DY ON ON/A					
	Filter gaskets and seating	DY ON ON/A	Exhaust dampers	ON ON ON/A					
	Pumps	MY ON ON/A	Diverter valves	ON ON/A					
	Solvent tanks and containers	EYY ON ON/A	Cartridge filter housings	MY ON ON/A					
	Water separators	MY ON ON/A							
4.	4. Which method of detection is used by the responsible official?								
	₩.								
	ब्								
	र्छ								
Halogen leak detector									
	If using direct-reading instru	amentation, is the equ	ipment:	□N/A					
	a. Capable of detecting p	erc vapor concentration	ons in a range of 0-500 ppm?	NO YO					
	b. Calibrated against a standard gas prior to and after each use (PID/FID only)?								
	c. Inspected for leaks and	d obvious signs of wea	r on a weekly basis?	DY DN					
	OY ON								
	e. Verified for accuracy l	oy use of duplicate san	ples (calorimetric only)?	OY ON					
_									

Jeff Macris	10/21/97
Inspector's Name (Please Print)	Date of Inspection
Marie Monie	11/5/97
Inspector's Signature	Approximate/Date of Next Inspection

ADDITIONAL SITE INFORMATION:

Multimatic Model SOLO KR STEAM Mfg: 1979 Secial 5-0979-793 35 16 Capacity

-No leak log (bi-weekly) Evaporates waste water - Top not sealed

- Secondary containment for perc waste

TYPE OF INSPECTION: ANNUAL ☑	COMF	PLAINT/DISCOVERY [RE-INSPECTION [
TIME IN: 11:25 a.m.	TIME OUT: 1	2:40 p.m.	AIRS ID# 1030330 001			
TYPE OF FACILITY: Perchlor	oethylene Dry	Cleaner				
FACILITY NAME: Heath Cleaners DATE: October 21, 1997						
FACILITY LOCATION: 3695 54	Ith Ave. N, St.	Petersburg, FL 3	3714			
RESPONSIBLE OFFICIAL: Bruce	Heath	PHONE 1	NUMBER:(813) 526-3478			
Based of the results of the complite to be in compliance with DEP Ru Based on the results of the complication compliance discrepancies were not compliance REQUIREMENT/PRO	le 62-213.300, Flance requiremented:	orida Administrative ts evaluated during t	Code (F.A.C.).			
Monthly purchase records were not main as a twelve month rolling average.	ntained Develo	pp and implement a r	ecordkeeping procedure that es (perc) as a twelve month			
Evaporator for separator wastewater doe incorporate a pre-filtration system.	separa	or water as hazardou on system with the e	er dispose of perc-containing as waste, or incorporate a carbon vaporator (as per the State's			
Did not store all perc, and perc-containing waste in tightly sealed containers.	contain		aining waste in tightly sealed vious and chemically unreactive			
Did not maintain a log of leak detection inspection and repair records.	repair		eak detection inspection and log of leak detection inspection			
The Annual Compliance Certification form has b			_			
DATE OF NEXT INSPECTION:	, ,	Oversher 5, 19 (Approximate)	•			
INSPECTION CONDUCTED BY:		Teffrey Mr	CC15.			

INSPECTOR'S SIGNATURE:

Page 1 of Revised 10/96

PHONE NUMBER: 464-4422

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):							
	RAUGE A MENTH							
2.	BRUCE H. HEATH Site Name (For example, plant name or number):							
3	HEATH CLEANERS Hazardous Waste Generator Identification Number:							
3.	riazardous waste Generator Identification Number.							
	FLD-047.945.580							
4.	Facility Location: Street Address: 3695 54th Ave 1.							
	City: ST PETERS BURG County: PINELLAS Zip Code: 33714							
	2) LEIE 2000							
5.	Facility Identification Number (DEP Use):							
	1030330							
22.53.55.5	我的情况,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就会一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,他们也 第一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们							
	Responsible Official							
6.	Name and Title of Responsible Official:							
0.								
	BRUCE A HEATH OWNER							
7.	Responsible Official Mailing Address: Organization/Firm:							
	Street Address: City: SAME County: Zip Code:							
8.	Responsible Official Telephone Number:							
0.	Telephone: (813) 526 - 3478 Fax: () -							
	Facility Contact (If different from Responsible Official)							
	Facility Contact (If different from Responsible Official)							
Ŋ.	Name and Title of Facility Contact (For example, plant manager):							
10.	Facility Contact Address:							
	Street Address: City: County: Zip Code:							
	City: County: Zip Code:							
14.	Facility Contact Telephone Number:							
	Telephone: () - Fax: () -							
	RECEIVED							

SEP 3 1990

Bureau of Air Monitoring & Mobile Sources

世 1030330

P.15
(f) Should be marked

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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
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-
Dry-to-Dry Unit									
(1) w/ ref. condenser									
(2) w/ carbon adsorber						_			
(3) w/ no controls	1	08 08091							
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									
3. What is the facility's son (Indicate with an "X". S Existing small are Existing large are	Selec ea so	t one classifi	cation only.) Ne	ew sn	nall area sour	ce [3) of	Part II?	
Laisting range and	a sui		INC	w Id.	rge area sour	LC [j		

4. What control technology is required on machines pursuant to section (5) of P (Indicate with an "X".)	art II of this notification form?
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 to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units exemption criteria or that no such units exist on-sitè:	use the general permit pursuant s on-site meet the following
All steam and hot water generating units on-site (1) have a total heat input of 1 boiler HP or less), and (2) are fired exclusively by natural gas except for period during which propane or fuel oil containing no more than one percent sulfur is	ds of natural gas curtailment
All steam and hot water generating units exempt No such units on-site	
	nation
No such units on-site	
No such units on-site Equipment Monitoring and Recordkeeping Inform	
Equipment Monitoring and Recordkeeping Information Check all logs which are required to be kept on-site in accordance with the required.	
Equipment Monitoring and Recordkeeping Information Check all logs which are required to be kept on-site in accordance with the required (a) Purchase receipts and solvent purchases	irements of this general permit:
Equipment Monitoring and Recordkeeping Information Check all logs which are required to be kept on-site in accordance with the required (a) Purchase receipts and solvent purchases (b) Leak detection inspection and repair	irements of this general permit:
Equipment Monitoring and Recordkeeping Information Check all logs which are required to be kept on-site in accordance with the required (a) Purchase receipts and solvent purchases (b) Leak detection inspection and repair (c) Refrigerated condenser temperature monitoring	irements of this general permit:

Surrender of Existing Air Permit(s)

Please indica	te with an "X" the appropriate selection:
ٺ	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
ِ ليكا	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notif statemen maintain comply w	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in facility. I hereby certify, based on information and belief formed after reasonable inquiry, that the its made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to with all terms and conditions of this general permit as set forth in Part II of this notification form.
I will pro	Bruce a Health Date

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: A	ANNUAL 🗖 COMPLAINT/DISCOVERY 📮 RE-INSPECTION 🗹	
AIRS ID#: 0330 001	DATE: $2/9/9\%$ TIME IN: 10:45 TIME OUT: 11:15%.	<u>n</u>
FACILITY NAME: <u>H</u>	Heath Cleaners	-]
FACILITY LOCATION:3	3695 54th Ave. N	_
S	St. Petersburg, FL	
RESPONSIBLE OFFICIAL: N	Ms. Sandra Heath Phone No. 33526-3478	-
Permit No. 1030330-001-AC	,	
PART I: NOTIFICATION		
(Check appropriate box)		/-
1. Existing facility notified DA	RM by 9/1/96	
2. New facility notified DARM	I 30 days prior to startup	
3. Facility failed to notify DAR	RM to use general permit	
PART II: CLASSIFICATION	<u> </u>	
Facility indicated on notification (Check appropriate box)	n form that it is: No notification form Drop store / out of business / petroleum	
A. 1. Existing small area soundry-to-dry only, x<140 gal/y transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91	transfer only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr	
3. Existing large area sour dry-to-dry only, 140 <x<2,10 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91<="" before="" both="" ga="" only,="" td="" transfer="" types,=""><td>oo gal/yr transfer 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 12/0/01)</td><td></td></x<2,10>	oo gal/yr transfer 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 12/0/01)	
This is a correct facility classific	cation: Y N Can not determine	
If no, please check the appropri	iate classification:	
	a general permit as number above ye limits and is not eligible for a general permit	

	<u> </u>
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
2. Examining the containers for leakage?	Øy □n
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 adsorbe beds according to the manufacturer's specifications?	T OY ON ONA
PART IV: PROCESS VENT CONTROLS	
In Part II-A:	•
If classification (1) has been checked, no controls are required. Proceed to 1	Part V.
If classification (2) has been checked, the machine should be equipped with (complete A below)	a refrigerated condenser
If classification (3) has been checked, the machine should be equipped with condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	
If classification (4) has been checked, the machine should be equipped with (complete A and B below.)	a refrigerated condenser
A. Has the responsible official of all new sources and existing large area so (check appropriate boxes)	
	Mach Mach
1. Equipped all machines with the appropriate vent controls?	✓YÛN ÛYÛN
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	TYON OYON
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	DY ON OY ON
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	OY ON OY ON
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged?	

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?	
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20°F?	
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? Is the perc concentration equal to or less than 100 ppm?	OY ON ONA OY ON
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 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□y □n □na
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON ONA
6. Routed airflow to the carbon adsorber (if used) at all times?	□Y □N □NA
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official: (check appropriate boxes)	/
1. Maintained receipts for perc purchased?	ďy □n
2. Maintained rolling monthly averages of perc consumption?	ZIY □N
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or;	ØIY □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?	ONY ON
4. Maintained calibration data? (for direct reading instrument only)	□y □n Øna
	UY UN WNA
5. Maintained exhaust duct monitoring data on perc concentrations?	Dy On N/A
5. Maintained exhaust duct monitoring data on perc concentrations?6. Maintained startup/shutdown/malfunction plan?	
	Dy DN N/A
6. Maintained startup/shutdown/malfunction plan?	DY DN N/A

PA	ART VI: LEAK DETECTION AND	REPAIR	S			
1.	Does the responsible official conduct a	weekly l	eak det	ection and repair inspection?	✓Y	□N
2.	Which method of detection is used by t	he respor	isible o	fficial?	í	
	Visual examination (conden	sed solve	ent of e	xterior surfaces)	IJ,	
	Physical detection (airflow	felt throu	gh gasl	kets)	Ø	
	Odor (noticeable perc odor)				V	
	Use of direct-reading instru	mentation	n (FID/	PID/calorimetric tubes)		
	If using direct-reading instrumentati	on, is the	equip	ment:		
	 a Capable of detecting perc va 0-500 ppm. b. Calibrated against a standard (PID/FID only). 	gas prio	r to and	l affer each use	□Y □Y	
	c. Inspected for leaks and obvio		TV		ЦΥ	□ N
,	d. Kept in a clean and secure ar			1	¥	□N
	e. Verified for accuracy by use (calorimetric only)?	of duplic	ate san	nples	ΩY	\square_{N}
3.	Has the facility maintained a leak log?				ΠY	\square_{N}
4.	The following area should be checked	for leaks	by the	inspector:		
	Hose connections, fitting couplings, and valves	ØY,	ΠN	Muck cookers	☑ Y	\square_{N}
	Door gaskets and seating	□ y	\square N	Stills	Øiy	\square_{N}
	Filter gaskets and seating	₫y	\square N	Exhaust dampers	Øy	\square_{N}
	Pumps	ĭ	\square N	Diverter valves	□ y	\square N
	Solvent tanks and containers	☑ Y	\square N	Cartridge Filter housing	ĽΥ	□N
	Water separators	<u> </u>	N			
	Name of Responsible Official Jeff (Mortis Inspector's Name (Please Print) Inspector's Sygnature			Date of Inspection February Approximate Date of Next	7, [9 23, nspedti	98 1998 ion

ADDITIONAL	SITE INFORMATION:		
Machine #1:			
Manufacturer	Multimatic	Capacity 35 lb	S
Model#	Solo KR Storm Serial# 5-0979-793	Mfg yr <u>1979</u>	
Machine #2:		Canacity 1h	_
	0 114	Capacitylb	S
Model#	Serial#	Mfg yr	
Notification (w	npermitted sources only):		
1	ity assisted in filling out the notification by the in	nspector?	DY DN N/A
	ty insist on filling out its own notification, and w	•	DY DN N/A
Record keeping			
	have statement/specs as to the design accuracy o		? LIY LIN N/A
(temperat	ure of 45°F w/accuracy ±2°F, or 7.2°C w/accu	iracy of ±1.1°C)	
Hazardous Wa	ste:		•
1. Is all perc. co	ntaminated wastewater either treated or disposed	l of properly?	$\square_{Y} \square_{N}$
2. If wastewater	is evaporated, is it an approved system, and using	carbon filtration?	$\square_{\mathbf{Y}}$ $\square_{\mathbf{N}}$
3. Does the faci	lity have secondary containment for the dry-dry	machine?	DY DN N/A
4. Does the faci	lity have secondary containment for any perc. wa	aste containers?	□Y □N N/A
Boiler:		•	
Manufacturer	Industrial Boiler	Hp <u>15</u>	
Model #	4553 Serial # J 5A MA 8787	- *	
	` /		
Fuel Type:	Natural gas? propane? fuel oil?	_	
			4
Comments:	Facility evaporates wast	temater. Wil	need_
tor	Facility evaporates wast emove it as hazardous.	vaste or in	stall
2 80	e-filtration system		
4	/		
		-	
		<u></u>	
ADDITIONAL	SITE INFORMATION:		

DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM

Bures Inddile

3695 54TH AVE NORTH ST PETERSBURG FL 33714

	Do <u>NOT</u> Ren	iove Label		
Annual Reporting Period:	19 <i>_</i>	<u>77</u> TO	12/3/	19 <i>_98</i>
Based on each term or condition of the Title V ger 62-213.300, Florida Administrative Code (F.A.C.)	-	-	/	DEP Rule
If NO, complete the following:				
#1. Term or condition of the general permit that h	as not been in continu	ous compliance d	iring the reporting po	eriod 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 h	as not been in continue	ous compliance du	iring the reporting pe	eriod 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 i notification are true, accurate and complete. Further, does not exceed 2,100 gallons per year for dry-to dry for	my annual consumption	n of perchloroethyl	lene solvent, based upo	n purchase receipts,
RESPONSIBLE OFFICIAL: Name (Ple	ease Print)	<u> в ра</u> ві	EA †H gnature	2-19-9 R 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.

TYPE OF INSPECTION: ANNUAL 🖸 COMPLAINT/DISCOVERY 📮 RE-INSPE	CTION 🗹
AIRS ID#: 1030330 001 DATE: 9/(7/98 TIME IN 0:100 TIME OU	UT: 10:18 a.m
FACILITY NAME: Heath Cleaners'	_
FACILITY LOCATION: 3695 54th Ave. N	
St. Petersburg, FL, 33714	
RESPONSIBLE OFFICIAL: Sandra Heath - Bruce Heath Photo No.: 626	-3478
RESPONSIBLE OFFICIAL: Sandra Heath & Bruce Heath Objection Photos No.: 626	
Based of the results of the compliance requirements evaluated during this inspection, the facility compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).	ity is found to be in
Based on the results of the compliance requirements evaluated during this inspection, the following the discrepancies were noted (only items which are checked):	owing compliance

Inspection Summary Report Guidance

Compliance Requirement/Problem	Follow-up Action Required
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

_		
	Compliance Requirement/Problem	Follow-up Action Required
	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions
	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
	Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
	Comments: Facility was	reinspected to verify
		nctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
	Inspection Conducted by: Jeffrey Morris	
	Inspector's Signature:	Thanis
	Phone Number: 464-4422 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

	NUAL COMPLAINT/DISCOVERY INSPECTION
AIRS ID#: 1030330 001 FACILITY NAME: FACILITY LOCATION:	DATE: 9/17/98 TIME IN: 10:100.0 TIME OUT: 10:180.0 M. Heath Cleaners 3695 54th Ave. N St. Petersburg, FL, 33714
	Sandra Heath & Bruce Heath PHONE: 526-3478 Bruce Heath PHONE: 526-3478
PART I: NOTIFICATION	
(Check appropriate box) 1. Existing facility notified DARN 2. New facility notified DARM 30 3. Facility failed to notify DARM	O days prior to startup
PART II: CLASSIFICATION Facility indicated on notification f (Check appropriate box)	orm that it is: No notification form Drop store / out of business / petroleum
A. 1. Existing small area source dry-to-dry only, x<140 gal/transfer only, x<200 gaf/yr both types, x<140 gal/yr (Constructed before 12/9/9) 3. Existing large area source dry-to-dry only, 140 <x<2,1 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 9)<="" before="" both="" ga="" only,="" th="" transfer="" types,=""><td>(earlier direction of direct 12///1)</td></x<2,1>	(earlier direction of direct 12///1)
This is a correct facility classificat If no, please check the approp facility qualified for a g	ion: Y N Can not determine
B. The total quantity of perchloro	ethylene (perc) purchased within the preceding 12 months by this dry cleaning ns.

PART III: GENERAL CONTROL REQUIREMENTS			
Is the responsible official of the dry cleaning facility: (check appropriate boxes)			
Storing perchloroethylene in tightly sealed and impervious containers?	\mathbf{Q} Y	ΠN	□NA
2. Examining the containers for leakage?		ΠN	□NA
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	DΝ	□NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□ Y	□N	Ma
· · · · · · · · · · · · · · · · · · ·			
PART IV: PROCESS VENT CONTROLS			
In Part II-A:			.•
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.		<i></i>
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	denser
If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.			ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	denser
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		
1. Equipped all machines with the appropriate vent controls?	☐ Y	ΠN	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	ΠN	□ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	Y	□ N	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	□Y	DΝ	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F?	Y	ΠN	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	□Y	ΠN	

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?	OY	□N	
 Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20° F? \(\sigma\) 	□Y □Y		□NA □NA
 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? Is the perc concentration equal to or less than 100 ppm? 4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc. 	□Y □Y		□na □na
concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□Υ	□N	□na
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΩY	□N	□NA
6. Routed airflow to the carbon adsorber (if used) at all times?	ПY	ΠN	□NA
PART V: RECORDKEEPING REQUIREMENTS		-	
Has the responsible official: (check appropriate boxes)			
1. Maintained receipts for perc purchased?	Y	ŪΝ	
2. Maintained rolling monthly averages of perc consumption?	Γ ν ίν	Пм	
3. Maintained leak detection inspection and repair reports for the following:			
a. documentation of leaks repaired w/in 24 hrs? or; [No problements]	$Y \square Y$	\square_{N}	⊠NA .
b. documentation of parts ordered to repair leak and leak repaired or test significant win 2 days and parts installed win 5 days of receipt?	ng IV	□N	VI NA
	φ√— -		
4. Maintained calibration data? (for direct reading instrument only) $\frac{1}{2}\sqrt{9}/9$ %	^φ √□Y	□N	MNA
1 /2.10 = /	Y Y	□N □N	MNA MNA
 4. Maintained calibration data? (for direct reading instrument only) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan? 			1
 4. Maintained calibration data? (for direct reading instrument only) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan? 		□N □N	1
 4. Maintained calibration data? (for direct reading instrument only) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan? 		□N □N	MNA

PA	ART VI: LEAK DETECTIO	N ANJ	D REP	PAIRS			
1.	Does the responsible official c inspection?	onduct	a wee	kly (for sm	all sources, bi-weekly) leak	detect ⊻ Y	ion and repair □N
2.	Has the facility maintained a le	eak log	;?			Y	\square N
3.	Does the responsible official c	heck tł	ne follo	owing areas	for leaks:		
	Hose connections, fitting couplings, and valves	Y	□N	□NA	Muck cookers	☑ Y	□n □na
	Door gaskets and seating	□ Y	\square N	□NA	Stills	☑ Y	□n □na
	Filter gaskets and seating	⊠ y	□N	□NA	Exhaust dampers	ĽΊΥ	□n □na
	Pumps	☑ Y	□N	□NA	Diverter valves	ØY	□n □na
	Solvent tanks and containers	ØΥ	\square_N	□NA	Cartridge Filter housing	Y	□n □na
	Water separators	Y	\square_N	□NA			
4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector							
	a Capable of detecting pe			7/		and the second s	□y □n
				1 //	r each use(PID/FID only).		□Y □N
	c. Inspected for leaks and o			1/1/			□y □n
	d. Kept in a clean and secu	ire area	a wher	n not in use.			□y □n
	e. Verified for accuracy by	use of	duplic	ate samples	(calorimetric only)?		□Y □N
	Inspector's Name (Please Rrig		15		Date of Ins Approximate Date	pection 5/9 of Nex	t Inspection

	FACILITY DETAILS	:
FACILITY NAME:	Heath Cleaner	rs
Dry Cleaning Mach	nine #1:	
Manufacturer	<u>Multimatic</u>	Capacity <u>35</u> lbs
Model#	Solo KR Steam Serial # 5-0979-793	Mfg yr <u>1979</u>
Dry Cleaning Mach	nine #2:	
Manufacturer	<u> </u>	Capacitylbs
Model#	Serial#	Mfg yr
Boiler:		
Manufacturer	Industrial Boller Co.	Hp <u>15</u>
	4553 Serial # <u>TISAI00987872</u>	
Fuel Type:	Natural gas? propane? fuel oil?	
1. Was the fac 2. Did the faci Record keeping: 1. Does facility	mitted sources only): ility assisted in filling out the notification by the lity insist on filling out its own notification, and y have statement/specs as to the design accuracy are of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy	will send it to FDEP?
Hazardous Waste:		/
2. If wastewate3. Does the face	contaminated wastewater either treated or disposer is evaporated, is it an approved system, and using cility have secondary containment for the dry-draility have secondary containment for any perc.	ng carbon filtration?
Comments:		
		<u> </u>

AIRS ID#: 1030 330

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	eath Cleaners	DATE: 3/8/99
FACILITY LOCATION: 30	695 54th Ave. N.	· · · · · · · · · · · · · · · · · · ·
S	t. Petersburg, FL	33714
Annual Reporting Period: Se	ptember 17, 1998 TO	March 8, 1999
	the Title V general air permit, my facility has r Code (F.A.C.), during the period covered by th	
If NO, complete the following:		
#1. Term or condition of the genera	I permit that has not been in continuous compl	iance during the reporting period stated above:
Exact period of non-compliance: fro	om	to
Action(s) taken to achieve complian	ce:	
Method used to demonstrate complia	ınce;	
#2. Term or condition of the genera	l permit that has not been in continuous compl	iance during the reporting period stated above:
Exact period of non-compliance: from	om	to
Action(s) taken to achieve compliance	ce:	
Method used to demonstrate complia	unce:	-
made in this notification are true, ac	certify, based on information and belief formed curate and complete. Further, my annual concecipts, does not exceed 2,100 gallons per year lities.	sumption of perchloroethylene solvent, based
ALLO ON OUT OF THE LEE	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.

TYPE OF IN	SPECTION: ANNUAL 🗹 COMPLAINT/DISCOVERY 🗖 RE-INSPECTION 📮	
	1030330 001 DATE: 3/8/99 TIME IN: 11:130.mTIME OUT: 11:250	<u>1.</u> m.
FACILITY	NAME: Heath Cleaners	
FACILITY	LOCATION: 3695 54th Ave. N	
	St. Petersburg, FL, 33714	
RESPONSI	IBLE OFFICIAL: Sandra Heath Phone No.: 526-3478	
Perm	it No. 1030330-001-AG Exp. Date: 10/01/2001	
Ø	Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).	in
	Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):	e

Inspection Summary Report Guidance

Compliance Requirement/Problem	Follow-up Action Required
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

Compliance Requirement/Problem	Follow-up Action Required
Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II Section 7(e) of the general permit provisions
Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measure at the end of the drying cycle, must not exceed 45°F.
Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading an unloading.
Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
Comments:	
	actions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by: Seffrey Morris	
Inspector's Signature:	mis
Phone Number: 464-4422	

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	g c	OMPLAINT/DISC	COVERY 🗖			
AIRS ID#: <u>1030330 001</u> FACILITY NAME:	DATE: 3/	,	TIME IN: <u>1 (</u>			iam	
						· ·	
FACILITY LOCATION:	3695 54th Ave.						
	St. Petersburg,	FL, 33714					
RESPONSIBLE OFFICIA	L: Sandra Heath			PHONE: _5	126-34	78	
CONTACT:				PHONE:			
PART I: NOTIFICATION							
(Check appropriate box)						,	
1. Existing facility notified	DARM By 9/1/96					অ	
2. New facility notified DA	RM 30 days prior to s	tartup					
3. Facility failed to notify D	ARM to use general p	permit				19 %	
PART II: CLASSIFICATI	ON						
Facility indicated on notificate (Check appropriate box)	ation form that it is:		No notification for Drop store / out o		etroleum		
A. 1. Existing small area: dry-to-dry only, x<12 transfer only, x<200 both types, x<140 ga (Constructed before)	1/ Y Γ	2.	New small area s dry-to-dry only, x transfer only, x < 2 both types, x < 140 (Constructed on o	source (<140 gal/yr (00 gal/yr) gal/yr or after 12/9/9			
3. Existing large area so dry-to-dry only, 140-transfer only, 200-x-both types, 140-xx-1. (Constructed before	ource x < 2,100 gal/yr < 1,800 gal/yr 800 gal/yr 12/9/91)	4.	New large area s dry-to-dry only, l transfer only, 200 both types, 140 (Constructed on o	source 40 <x<2,100 0<x<1,800 gal<br="">0<1,800 gal/y 0r after 12/9/9</x<1,800></x<2,100 	gal/yr 7yr r 1)		
This is a correct facility class	sification:	□N □ Ca	n not determine				
This is a correct facility classification:							
B. The total quantity of perfacility was 19.2	- ·	purchased v	ithin the precedin	g 12 months b	y this dry cle	aning	

,					_
	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	ΠN	☐ NA	
	2. Examining the containers for leakage?	☑ Y	Πи	☐ NA	
	3. Closing and securing machine doors except during loading/unloading?	☑ Y	ΠN		
	4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y	ŪΝ	□NA	
	5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	QΥ	ПN	NA NA	
		_	<u>-</u>		
	PART IV: PROCESS VENT CONTROLS				_
	In Part II-A:				
	If classification (1) has been checked, no controls are required. Proceed to Pa	ırt V.			
	If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated cor	denser	
	If classification (3) has been checked, the machine should be equipped with condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a r must ha	efrigerat we been	ed	
	If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated cor	ndenser	
	A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:			
	1. Equipped all machines with the appropriate vent controls?	ΩY	ПN		
	2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	ПN	☐ NA	
	3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	ΩY	ŪΝ	□NA	
	4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	QΥ	□N		
	5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	☐ Y	□N	☐ NA	
	6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	□N		

В.	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? Is the temperature differential equal to or greater than 20° F?	□Y □N □NA □Y □N □NA
	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? Is the perc concentration equal to or less than 100 ppm?	OY ON ONA OY ON ONA
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duet diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□y □n □na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Y □N □NĀ
6.	Routed airflow to the carbon adsorber (if used) at all times?	
	Trouted difficilities the edition adsorber (if doed) at all times.	UY UN UNA
	ART V: RECORDKEEPING REQUIREMENTS	UY UN UNA
P		UY UN UNA
PA H (c	ART V: RECORDKEEPING REQUIREMENTS	Y ON
P./ H. (c.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)	✓Y □N
P. H. (c. 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	
H; (c. 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	✓Y □N
H; (c. 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	☑Y □N ☑Y □N
H (c. 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	OY ON ONA
H (c 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	OY ON ONA
H (c 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	OY ON ONA OY ON ONA OY ON ONA
H; (c. 1. 2. 3. 4. 5. 6.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	Y ON ONA OY ON ONA OY ON ONA OY ON ONA
H; (c. 1. 2. 3. 4. 5. 6.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	Y ON ONA OY ON ONA OY ON ONA OY ON ONA OY ON ONA

PA	RT VI: LEAK DETECTIO	N AN	D REP	PAIRS		_		
1.	Does the responsible official c inspection?	onduc	t a wee	kly (for s	small sources (bi-weekly) leal	k detect		
2.	Has the facility maintained a le	eak log	g?			IJY	· \ N	
3.	Does the responsible official c	heck tl	ne follo	owing are	eas for leaks:			
	Hose connections, fitting couplings, and valves	✓ Y	□N	□NA	Muck cookers	ΠY	□n ⊿na	
	Door gaskets and seating	☑Y	□n	□NA	Stills	ΠY	□n □na	
	Filter gaskets and seating	Y	ΠN	□NA	Exhaust dampers	⊴ Y	□n □na	
	Pumps	I Y	□N	□na	Diverter valves	☑ Y	□n □na	
	Solvent tanks and containers	ŮY,	□N	□NA	Cartridge Filter housing	ĭ⊈Y	□n □na	
	Water separators	ĭ¥Y	$\square_{\mathbb{N}}$	□NA				
4.	4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of 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:							
	a Capable of detecting pe	rc vap	or con	centratio	ns in a range of 0-500 ppm.		□y □N	
	b. Calibrated against a star	dard g	as prio	r to and a	fter each use(PID/FID only).		$\square_{X} \cdot \square_{N}$	
	c. Inspected for leaks and	bviou	signs	of wear	on a weekly basis?		□y □n	
	d. Kept in a clean and sec	ure are	a wher	n not in v	ise.		□y □N	
	e. Verified for accuracy by	use of	duplic	cate samp	les (calorimetric only)?		□y □n	
	Inspector's Name (Please Print) Inspector's Signature Approximate Date of Next Inspection							

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	Heath Cleaners	DATE: 9/14/99
FACILITY LOCATION:	3695 54th Ave. N.	
	St. Petersburg, FL	
Annual Reporting Period: Ma	rch 8, 1999 TO	September 14, 1999
	Title V general air permit, my facility has remain de (F.A.C.), during the period covered by this sta	
If NO, complete the following:		
#1. Term or condition of the general pe	ermit that has not been in continuous compliance	during the reporting period stated above:
Exact period of non-compliance: from	to_	· C
Action(s) taken to achieve compliance:		Oct 1
Method used to demonstrate compliance		\$ My Or 1 190 ED
#2. Term or condition of the general pe	ermit 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		
made in this notification are true, accur	tify, based on information and belief formed after rate and complete. Further, my annual consumpt ipts, does not exceed 2,100 gallons per year for d es.	ion of perchloroethylene solvent, based
Constitution of the control of the c	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 AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSP	PECTION: AND	TUAL 🗹 COMP	LAINT/DISCOVERY 📮	RE-INSPECTION 📮			
AIRS ID#: <u>1</u>	030330 001	DATE: 9/14	/99_ TIME IN: 1:55	ьмТІМЕ OUT: 3:17р.m			
FACILITY N	AME:	Heath Cleaners		· .			
FACILITY L	OCATION:	3695 54th Ave. N					
		St. Petersburg, FL,	33714				
RESPONSIB	RESPONSIBLE OFFICIAL: Sandra Heath Phone No.: 526-3478						
Permit N	No. 1030330-001-AC	Exp. Date:	10/01/2001				
			ments evaluated during this inspela Administrative Code (F.A.C.).	ection, the facility is found to be in			
		the compliance require ted (only items which a	ments evaluated during this insperse checked):	ection, the following compliance			

Inspection Summary Report Guidance

Compliance Requirement/Problem	Follow-up Action Required
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required						
	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.						
	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions						
	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.						
	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.						
	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.						
	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.						
	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.						
	Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.						
	Comments:	· · · · · · · · · · · · · · · · · · ·						
	·							
If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.								
	Inspection Conducted by:							
	Inspector's Signature:	is ·						
	Phone Number: 464-4422/							

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY •	
AIRS ID#: 1030330 001 FACILITY NAME: FACILITY LOCATION:	DATE: _ タノいー/ Heath Cleaners 3695 54th Ave. N	<u>/99</u> TIME IN: <u>1:55ρ.m.</u> TIME OUT: <u>3</u>	17pm
_	St. Petersburg, FL,	33714	
RESPONSIBLE OFFICIAI	Sandra Heath	PHONE: 526-3478	.
CONTACT:	Bruce Heath	PHONE: 526-38	1 78
PART I: NOTIFICATION			
(Check appropriate box)			,
1. Existing facility notified I	OARM By 9/1/96		9
2. New facility notified DAR	.M 30 days prior to startuj	p	
3. Facility failed to notify Da	ARM to use general permi	it	<u> </u>
PART II: CLASSIFICATION	DN		
Facility indicated on notificat (Check appropriate box)	ion form that it is:	No notification form Drop store / out of business / petroleum	
A. 1. Existing small area so dry-to-dry only, x < 140 transfer only, x < 200 g both types, x < 140 gal/ (Constructed before 12)	ource) gal/yr al/yr yr yr 2/9/91)	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 so dry-to-dry only, 140 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8 transfer only, 200 x<1,8		4. New large area source 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)	
This is a correct facility class	ification: 🗹 Y 🗆 N	Can not determine	
II	opropriate classification: or a general permit as nun ove limits and is not eligi		
B. The total quantity of perconfacility was 19.2		hased within the preceding 12 months by this dry	y cleaning

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	ΠN	☐ NA
2. Examining the containers for leakage?	Y	ΠN	☐ NA
3. Closing and securing machine doors except during loading/unloading?	⊈Y	ΠN	
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	₫Y	□N	□ NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□Y	ΠN	🗹 NA
DADITINA DE OCECCAVENITE CONVEDICA			
PART IV: PROCESS VENT CONTROLS	-		
In Part II-A:			
If classification (1) has been checked, no controls are required. Proceed to P	art V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	a refrige	rated cor	ndenser
If classification (3) has been checked, the machine should be equipped with a condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.			
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	a refrige	rated cor	ndenser
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	ırces:		
1. Equipped all machines with the appropriate vent controls?	☐ Y	ΠN	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	NΩ	□ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	ΟY	ПN	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	QΥ	ΩN	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	ΟY	ПN	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	ΩY	ПN	

B. Has the responsible official of an existing large or new large area source also	:
Measured and recorded the exhaust temperature on the outlet side of the condense located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	er □Y □N
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20°F?	□Y □N □NA □Y □N □NA
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? Is the perc concentration equal to or less than 100 ppm?	□Y □N □NA □Y □N □NA
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, o expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□y □n □na
6. Routed airflow to the carbon adsorber (if used) at all times?	□y □n □na
PART V: RECORDKEEPING REQUIREMENTS	
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes)	
	ĭy □n
Has the responsible official: (check appropriate boxes)	☑ Y □N
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased?	
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption?	☑ Y □N
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	ØY □N ØY □N
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following:	MY ON MY ON MY ON MA
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	OY ON ONA
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? 4. Maintained calibration data? (for direct reading instrument only)	OY ON OY ON ONA OY ON ONA
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ion and repair □N □N					
□N					
□n ⊠na					
On Ona					
□n □na					
□n □na					
□n □na					
4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector					
Dec Dec					
N Or Or					
LIY LIN					
LIY LIN					
⊔y Un					
LIY LIN					
Inspector's Name (Please Print) Date of Inspection 3/14/2600 Approximate Date of Next Inspection					

'Airs 10#: 1030 330

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

				
FACILITY NAME:	Heath Clea	ners	DA.	TE: 3/10/00
FACILITY LOCATION:	3695 54th	Ave. N.		
	St. Petersb		3714	
Annual Reporting Period:	September 14,	_19 99 TO	March	10, 2000
•	of the Title V general air permit, ive Code (F.A.C.), during the peri			DEP Rule
If NO, complete the following:				
#1. Term or condition of the gen	neral permit that has not been in c	ontinuous compliance c	uring the reporting p	eriod stated above:
Exact period of non-compliance:	from	to		
Action(s) taken to achieve compl	iance:			·
Method used to demonstrate com	pliance:			
#2. Term or condition of the gen	eral permit that has not been in co	ontinuous compliance d	wring the reporting po	eriod stated above:
			O O O O O O O O O O O O O O O O O O O	
Exact period of non-compliance:	from	to	Ces Orli	
Action(s) taken to achieve compl	ance:			
Method used to demonstrate com	pliance:	·		
· · · · · · · · · · · · · · · · · · ·		······		·
made in this notification are true,	by certify, based on information of accurate and complete. Further e receipts, does not exceed 2,100 facilities.	, my annual consumptio	on of perchloroethyle	ne solvent, based
responsible official: _	B. HEATH Name (Please Print)	Bru	e Leth gnature	3-/0-00 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 AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL E	COMPLAIN	T/DISCOVERY 📮	RE-INSPECTION	
AIRS ID#:	<u>1030 330</u>	DATE:	3/10/00 3/9/00 m	TIME IN: 9:240	TIME OUT: 9:	37 <u>a.m</u> .
FACILITY	NAME:	Heath Clea	ners	·	<u>. </u>	<i>:</i>
FACILITY	LOCATION:	_3695 54th Ave	N			
		St. Petersburg,	FL, 33714			
RESPONSIB	LE OFFICIAL:	Sandra Heat	h	Phone	No.: 526-34	78_
	Permit No.	1030330-	001-AG	Exp. Date:	127/2001	
d		-	•	evaluated during this insp ninistrative Code (F.A.C.)	ection, the facility is found	d to be in

Inspection Summary Report Guidance

discrepancies were noted (only items which are checked):

Based on the results of the compliance requirements evaluated during this inspection, the following compliance

Compliance Requirement/Problem	Follow-up Action Required
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required				
	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.				
	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions				
	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.				
	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.				
	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.				
	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.				
	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.				
	Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.				
	Comments:					
	If the Inspection Summary Report indicates follow-up as measures to achieve compliance. Pinellas County will properties actions have been taken.					
	Inspection Conducted by:	Morris				
Inspector's Signature:						
	Phone Number: 4644	422 2 of 3				

PERCHLORGETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:		COMPLA	INT/DISCOVERY 📮			
AIRS ID#: 1030330	3/10 Date: 3/9/0	/00 00 ► TIME I	N: <u>9:24_{0.M} TIME OUT: <u>9:</u>3</u>	37 <u>a.m.</u>		
FACILITY NAME:	Heath Cleane	rs				
FACILITY LOCATION:	3695 54th Ave.	N				
	St. Petersburg, F	L, 33714				
RESPONSIBLE OFFICIA	L: Sandra Heath		PHONE: <u>526-347</u>	8		
CONTACT:	Sandra Heath		PHONE: 526-347	9		
PART I: NOTIFICATION						
(Check appropriate box)						
1. Existing facility notified	DARM By 9/1/96			প্র		
2. New facility notified DA	RM 30 days prior to sta	rtup				
3. Facility failed to notify D	ARM to use general pe	ermit				
			,			
PART II: CLASSIFICATI						
Facility indicated on notifical (Check appropriate box)	tion form that it is:	No notification Drop sto	cation form re / out of business / petroleum			
A. 1. Existing small area so dry-to-dry only, x<14 transfer only, x<200 so both types, x<140 gal (Constructed before I	source O gal/yr gal/yr /yr (2/9/91)		all area source ry only, x<140 gal/yr only, x<200 gal/yr es, x<140 gal/yr ucted on or after 12/9/91)	:		
3. Existing large area s dry-to-dry only, 140 < transfer only, 200 < x < 1, both types, 140 < x < 1, (Constructed before 1)	ource	4. New lar dry-to-dransfer both typ (Constru	ge area source \square ry only, $140 < x < 2,100$ gal/yr only, $200 < x < 1,800$ gal/yr es, $140 < x < 1,800$ gal/yr es, $140 < x < 1,800$ gal/yr acted on or after $12/9/91$)			
II — — —	appropriate classification for a general permit as	number	above			
If 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						

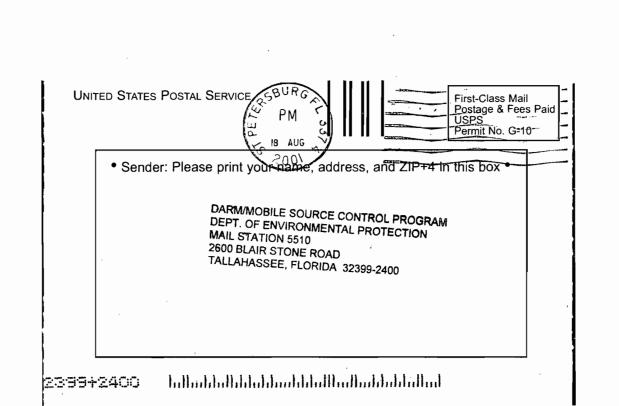
PART III: GENERAL CONTROL REQUIREMENTS	-		
Is the responsible official of the dry cleaning facility: (check appropriate boxes)			
1. Storing perchloroethylene in tightly sealed and impervious containers?	₫ Y	□N	□NA
2. Examining the containers for leakage?	☑Y	□N	□ NA
3. Closing and securing machine doors except during loading/unloading?	Y	\square N	
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	₫ Y	□N	□na
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□ Y	ПN	✓ NA
DADT IV. DDOCECC VENT CONTROL C	-		
PART IV: PROCESS VENT CONTROLS			
In Part II-A:			
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	ı refrige:	rated con	denser
If classification (3) has been checked, the machine should be equipped with econdenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	either a must ha	efrigerate ive been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	ı refrige:	rated con-	denser
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	irces:		
1. Equipped all machines with the appropriate vent controls?	ΩY	ΠN	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	ΔY	ΠN	□ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	☐ Y	□N	□NA
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?	QΥ	□N	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	ΩY	□N	•

-		
В.	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?	OY ON
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20°F?	DY ON ONA
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is tenting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	OY ON ONA
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 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□y □n □na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□y □n □na
6.	Routed airflow to the carbon adsorber (if used) at all times?	□y □n □na
	ART V: RECORDKEEPING REQUIREMENTS	
PA	AKT V. RECORDREET ING REQUIREMENTS	
	as the responsible official: heck appropriate boxes)	
H:		` ☑Y □N
H: (c)	as the responsible official: heck appropriate boxes)	☑Y □N
H: (c) 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	ŬY □N
H: (c) 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	ØY ON ØY ON
H: (c) 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	MY ON MY ON MY ON MA OY ON MA
H: (c) 1. 2. 3.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	
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H: (cl 1. 2. 3.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	Oy On Yna
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PA	PART VI: LEAK DETECTION AND REPAIRS					
1.	Does the responsible official of inspection?	conduct a we	ekly (for sm	nall sources, bi-weekly) leak	detect	
2.	Has the facility maintained a l	eak log?			Y	□N
3.	Does the responsible official of	check the fol	lowing area	s for leaks:		
	Hose connections, fitting couplings, and valves	ZY ON	J □NA	Muck cookers	□Y	□n ⊒ma
	Door gaskets and seating	ØY □N	J □NA	Stills	ΩY	□n ⊡na
	Filter gaskets and seating	Øy On	J □NA	Exhaust dampers	⊈Y	□n □na
	Pumps	ØY ON	N □NA	Diverter valves	T Y	□N □NA
	Solvent tanks and containers	Øy On	J □NA	Cartridge Filter housing	ΘÝ	□n □na
	Water separators	OY ON	N □NA			
4.	Which method of detection is Visual examinatio Physical detection Odor (noticeable puse of direct-read Halogen leak detection If using direct-reading instr	on (condense (airflow fel- perc odor) ing instrume ctor	d solvent of t through gas entation (FID	exterior surfaces) skets) O/PID/calorimetric tubes)		छे ले जे 🗆 🗆
	a Capable of detecting po	erc vapor co	ncentrations	in a range of 0-500 ppm.		QY QN.
	b. Calibrated against a star	ndard gas pri	or to and afte	er each use(PID/FID only).		□Y □N
	c. Inspected for leaks and	obvious sign	s of wear on	a weekly basis?		□y □N
	d. Kept in a clean and sec	ure area who	en not in use	.		□y □N
	e. Verified for accuracy by	use of dupli	cate samples	s (calorimetric only)?		□y □n
	Inspector's Name (Please Print) Date of Inspection Inspector's Righture Approximate Date of Next Inspection					

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ADDRESS completed	AIRS ID#: 1030330 BRUCE A HEATH BRUCE A HEATH 3695 54TH AVE NORTH ST PETERSBURG FL 33714	4b. Service ☐ Registere ☐ Express I	Type ad Mail ceipt for Merchandise	Certified Insured COD	for using Return R
Is your RETURN	5. Received By: (Print Name) 6. Signature: (Addressee or Agent) X PS Form 3811, December 1994	8. Addressee and fee is	e's Address (Only paid) Domestic Ret		Thank you

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BRUCE A HEATH
3695 54TH AVE NORTH
ST PETERSBURG FL 33714

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

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BRUCE A HEATH
BRUCE A HEATH
3695 54TH AVE NORTH
ST PETERSBURG FL 33714

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