

Department of Environmental Protection

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

Virginia B. Wetherell Secretary

May 14, 1997

Mr. Robert R. Yates Yates Cleaners 710 Missouri Avenue South Clearwater, Florida 34616

Re: Facility No. 1030376

Dear Mr. Yates:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on April 1, 1997.

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

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

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

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

Sincerely,

Dotty Diltz, Chief

Bureau of Air Monitoring and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

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

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):
Yates CLEANERS, INC
2. Site Name (For example, plant name or number):
14tES CLEANERS
3. Hazardous Waste Generator Identification Number:
FLD 982130866
4. Facility Location: YATES CLEANERS Street Address: 710 MISSOURI AUE. 50
City: Cheanwaten County: Pinshlas Zip Code: 34616
5 (Facility Identification Number (DEP Use): 15 (15 15 15 15 15 15 15 15 15 15 15 15 15 1
Responsible Official
6. Name and Title of Responsible Official:
Robert R. Yates, PRESIDENT
7. Responsible Official Mailing Address: Poblat VATES Organization/Firm: VATES CLEANERS, LUC Street Address: 710 Missouri AUE, 50
City: CLEARWATER County: PINELLAS Zip Code: 346/6
8. Responsible Official Telephone Number: Telephone: (8/3) 446-1963 Fax: () -
Facility Contact (If different from Responsible Official)
9. Name and Title of Facility Contact (For example, plant manager): Robert R. Yakes
10. Facility Contact Address: VALS CLEANERS
Street Address: 710 MISSOURI AUE. 50
City: CLEAR WATSR County: Priva LLAS Zip Code: 346/6
11. Facility Contact Telephone Number: Telephone: (8/3) 446 - 1963 Fax: () -
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DEP Form No. 62-213.900(2) Effective: 6-25-96

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Bureau of Air Monitoring & Mobile Sources

#1030376

	Yates Cleaners
-P.H-	1.(a) add date(s) control device(s) installed
	1.(c) mark out "X" and initial
	3. Should be new small area
D.15	4 should be new small area
	4. should be new small area source Wretrig. Con.
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ARREST MARKET TO

Facility Information

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.

		Date	Date		Date	Date		Date	Date
		Machine	Control		Machine	Control		Machine	Control
		Initially	Device	ļ	Initially	Device		Initia!ly	Device
Type of Machine	ID	Purchased	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Example		03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-9
Dry-to-Dry Unit									
(1) w/ ref. condenser		TAN-GE	Enchuded		JAN 95				
(2) w/ carbon adsorber		V #1 12	2,,, 0,,		3,1,0-7,7-				
(3) w/ no controls								1	†
Washer Unit	-		1	ı	-1	<u> </u>			
(4) w/ ref. condenser						1			T
(5) w/ carbon adsorber						:			
(6) w/ no controls	 -		,	t					
Dryer Unit					,				
(7) w/ ref. condenser		1	_			T			T
(8) w/ carbon adsorber									1
(9) w/ no controls	1			1 -					
Reclaimer Unit			-l <u></u>	٠	· ······				
(10) w/ ref. condenser		1					[•
(11) w/carbon adsorber							1		
(12) w/ no controls		<u> </u>	1	1	†		 	1	
(b) Control devices are No control devices 2.(a) What was the total (b) If less than 12 more Check why it is less	are quan	required to be tity of perchl lons now many? [e installed [loroethylene	X (perc]	- 			· · · · · · · · · · · · · · · · · · ·
What is the facility's s (Indicate with an "X". Existing small a	Sele area s	ource [X	fication only	.) Vew s	finitions four small area sor arge area sou	urce [(3) 0	f Part II?	·
The Pristing large a	.cas	Juice [l t	10 W I	mbe mea soc	L			

What control technology is required on machines pursuant to section (5) of Part II of this notification form? (Indicate with an "X".)
Existing large area source Carbon adsorber Refrigerated condenser
New small area source Refrigerated condenser []
New large area source Refrigerated condenser []
Y Existing Small AREA Source ALL Equipment Existing
5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site:
All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.
All steam and hot water generating units exempt No such units on-site
Equipment Monitoring and Recordkeeping Information
Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:
(a) Purchase receipts and solvent purchases
(b) Leak detection inspection and repair
(c) Refrigerated condenser temperature monitoring
(d) Carbon adsorber exhaust perc concentration monitoring NON'S, Closed Sustain
(e) Instrument calibration N/A
(f) Start-up, shutdown, malfunction plan

Surrender of Existing Air Permit(s)

Please indica	te with an "X" the appropriate selection:
	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
ιX	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this noti statemen maintain comply	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in fication. I hereby certify, based on information and belief formed after reasonable inquiry, that the ints made in this notification are true, accurate and complete. Further, I agree to operate and in 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 pr	omptly notify the Department of any changes to the information contained in this notification. 2-14-97 Date

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	Yates Cleaners MAY 2 0 1997	scal peop
r - 1	AIR QUALITY	1 of MAGE
	P.14 1.(a) add date(s) control device(s	
		<i>y</i>
1. Facility	installed	
Vit	1.(c) mark out "X" and initial 3. should be new small area	
2. Site Na	3. Should be new small area	
2. SIC Na	Source	
Tat		
3. Hazardo	p.15 4 should be new small area	
FL	source Wretrig. Con.	· ·
4. Facility		
Street /		1.16
City: 2		
5 Facility		
	<u></u>	76
	Suresu 1898 O	
6. Name a		
Kob	Mobil Air 1998	
7. Respon	No. Monja	
Organi	Teg Origo	
Street A		34616
	No. 1. Programme to the control of the cont	5,0,0
8. Respor		•
Teleph		
<u> </u>		
	Facility Contact (If different from Responsible Official)	•
9. Names	and Title of Facility Contact (For example, plant manager):	
J. Name	beet R. Gahzs	
10 Facilit	v Contact Address: 127	
	y Contact Address: Utis CLEANERS	
Street	Address: 710 MISSOUNI AUE 50	urib
City:	CLEAR WATSIL County: Prais LLAS Zip Code: 3	7610
	y Contact Telephone Number:	
Teleph	none: $(8/3) 446 - 1963$ Fax: $()$	
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Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

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l.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):	
	12 tes CLEANERS, INC	
2.	Site Name (For example, plant name or number):	,
	11tes CLEANERS	~~
3.	Hazardous Waste Generator Identification Number:	
	FLD 982130866	
4.	Street Address: 710 MISSOURI AUE. 50 City: CLEANUA + 50 County: Pinish a 5 Zip Code: 346 16	
	City. C. L. & ARWA + F. D. County. Fin LLAS . Lip code. 342 / 2	
10.1	(Facility Identification Number (DEP, Use): 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
:FED IIX		

Responsible Official

	Name and Title of Responsible Official: Robert R. Yates, President
7.	Responsible Official Mailing Address: ROBIRT YATES Organization/Firm: Y4725 CLEANERS IN E. Street Address: 710 MISSOURI ADE, 50 City: CLEARWATER County: PINELLAS Zip Code: 34616
8.	Responsible Official Telephone Number: Telephone: (813) 446-1963 Fax: () -

Facility Contact (If different from Responsible Official)

	<u> </u>	
	Name and Title of Facility Contact (For example, plant manager): Robert R. Varias	· .
10.	Street Address: 710 MISSOURI AUE SO City: OLEAR Water County: Piweklas	Zip Code: 34616

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DEP Form No. 62-213.900(2) Effective: 6-25-96 Page 13 of 16

Bureau of Air Monitoring & Mobile Sources

Facility Information

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

		Date	Date		Date	Date		Date	Date
	•	Machine	Control		Machine	Control		Machine	Control
<i>.</i>		Initially	Device		Initially	Device]	Initially	Device
Type of Machine	ID	Purchased	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Example		03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-92
Dry-to-Dry Unit			ilax Ra						1
(1) wi ref. condenser		JAN-95	Exchadad		JAN-55		L		
(2) w/ carbon adsorber									
(3) w/ no controls	ļ		ļ						
Washer Unit									
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit	T		· · · · · · · · · · · · · · · · · · ·		* .				
(7) w/ ref. condenser									
(8) w/ carbon adsorber							1		
(9) w/ no controls		1		1 -			1		
Reclaimer Unit			_						
(10) w/ ref. condenser		1	1				Ţ		
(11) w/carbon adsorber				1					
(12) w/ no controls				1					
(b) Control devices ar (c) No control devices 2.(a) What was the total (b) If less than 12 mor	quan	required to be atity of perchl	loroethylene	(perc	Equipy Cont) purchased	Furchase nal Description	12 mc	Open de sont d	1/95
Check why it is less 3. What is the facility's s (Indicate with an "X". Existing small a	ource Sele	c classificatio	n based on the fication only	he de		nd in section	(3) o	•	

DEP Form No. 62-213.900(2)

Existing large area source [____]

Effective: 6-25-96

New large area source

4. What control technology is required on machines pursuant to section (5) of Part II of this notification form? (Indicate with an "X".)
Existing large area source Carbon adsorber Refrigerated condenser
New small area source Refrigerated condenser [X] Ry 4-H-98
New large area source Refrigerated condenser []
ALL Equipment Existing
5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site:
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All steam and hot water generating units exempt No such units on-site
Equipment Monitoring and Recordkeeping Information
Check all logs which are required to be kept on-site in accordance with the requirements of this general permit
(a) Purchase receipts and solvent purchases
(b) Leak detection inspection and repair
(c) Refrigerated condenser temperature monitoring
(d) Carbon adsorber exhaust perc concentration monitoring Nonit, Coughtable Chosen Sustem
(e) Instrument calibration N/A
(f) Start-up, shutdown, malfunction plan

Surrender of Existing Air Permit(s)

Please indica	te with an "X" the appropriate selection:
	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
ιχ	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this noti statemer maintair	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in fication. I hereby certify, based on information and belief formed after reasonable inquiry, that the ats made in this notification are true, accurate and complete. Further, I agree to operate and at 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 pr	omptly notify the Department of any changes to the information contained in this notification. 4-14-98 4-14-98 Date

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/DISCOVERY	Dra 1 for K
AIRS ID#: <u>1030376 001</u> FACILITY NAME:	DATE: <u>////</u> Yates Cleane	,	TIME IN: 45 TIME OUT	
FACILITY LOCATION:	710 S. Missour	i Ave.		·
	Clearwater, FL	, 34616		
RESPONSIBLE OFFICIA	L: Robert Yates			
CONTACT: Robert Yat	es		PHONE:	46-1963
			.	
PART I: NOTIFICATION				
(Check appropriate box)				П
1. New facility notified DA		-		U
2. Facility failed to notify I	ARM to use general p	permit		U
				-
PART II: CLASSIFICAT	_			
Facility indicated on notifice (Check appropriate box)	ation form that it is:		No notification formDrop store / out of business / petro	oleum
A. 1. Existing small area dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before	source 40 gal/yr gal/yr l/yr 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)	⊠ L .
3. Existing large area a dry-to-dry only, 140-transfer only, 200 < x-both types, 140 < x < 1 (Constructed before	source <x<2,100 gal="" yr<br=""><1,800 gal/yr ,800 gal/yr 12/9/91)</x<2,100>		4. New large area source dry-to-dry only, 140 < x < 2,100 gal transfer only, 200 < x < 1,800 gally; both types, 140 < x < 1,800 gally; (Constructed on or after 12/9/91)	l/yr r
This is a correct facility class	ssification: 🖄 Y		Can not determine	
l · · ·	appropriate classificati for a general permit as above limits and is not	s-number		
***********************************	rchloroethylene (perc) _ gallons.	purchase	d within the preceding 12 months by	this dry cleaning

DADTHI, CENEDAL CONTROL DECLIDEMENTS			·····	
PART III: GENERAL CONTROL REQUIREMENTS				
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	n :/			
1. Storing perchloroethylene in tightly sealed and impervious containers?	A Y		□NA	
2. Examining the containers for leakage?	₽¥	□N	□ 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?	Ū-Y	ПN	□NA	
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ΔY	ПN	⊒r _{NA}	
PART IV: PROCESS VENT CONTROLS				
In Part II-A:				
If classification (1) has been checked, no controls are required. Proceed to Pa	rt 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 e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a r must ha	efrigerate ive been	d	
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated cond	lenser	
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?	Ŷ	ΠN		
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Q Y	ПN	□NA	
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	Ūγ	□N	□NA	
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	¥Υ	□N		
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	<u> </u>	□N	□ NA	
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	PY	ПN		

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	<u> </u>		
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?	₽ Ý	□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 □Y	
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 □y	□n □na □n
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	ΩY	□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?	□Y	□n □na
PA	ART V: RECORDKEEPING REQUIREMENTS		
H: (cl	as the responsible official: heck appropriate boxes)		
	Maintained receipts for perc purchased?	UY	ΠN
	Maintained rolling monthly averages of perc consumption?	ΠY	ūn.
3.		^	 ; •
	a. documentation of leaks repaired w/in 24 hrs? or;	Ū¥	\square_{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? 	OY	□N
4.	Maintained calibration data? (for direct reading instrument only)	\square_{Y}	On Ona
5.	Maintained exhaust duct monitoring data on perc concentrations?	\square_{Y}	ON ON NA
6.	Maintained startup/shutdown/malfunction plan?	₽¥	□N
7.	Maintained deviation reports? No deviations	ŪΥ	\square N
	Problem corrected?	\square_{Y}	\square N
8.	Maintained compliance plan, if applicable?	ПΥ	On Ona

PAR	T VI: LEAK DETECTION AND R	EPAIR	RS			
1. D	. Does the responsible official conduct a weekly leak detection and repair inspection?					ПИ
2. W	hich method of detection is used by the	e respon	nsible official?	•		
	Visual examination (condensed solvent of exterior surfaces)					
	Physical detection (airflow fe	lt throu	igh gaskets)			
	Odor (noticeable perc odor)			•		
	Use of direct-reading instrum	entatio	n (FID/PID/ca	lorimetric tubes)		•
If	using direct-reading instrumentation	n, is the	e equipment:			
	a Capable of detecting perc vapo	or conc	entrations in a	range of		_
	0-500 ppm. b. Calibrated against a standard g	as prio	r to and after e	ach use	ПY	Й
	(PID/FID only).				□y □y	ΠN
	c. Inspected for leaks and obvious signs of wear on a weekly basis?					ΠN
	d. Kept in a clean and secure area when not in use.				ΩY	ПN
)	e. Verified for accuracy by use of (calorimetric only)?	f duplic	cate samples		ΩY	\square N
3. H	as the facility maintained a leak log?			,	ΘÝ	\square N
4. T	he following area should be checked fo	r leaks	by the inspecto	or: (no leaks)		
	Hose connections, fitting couplings, and valves	ΩY	□ M	Muck cookers	ΩY	<u> </u>
	Door gaskets and seating	\square_{Y}	\square N	Stills	\square_{Y}	ΘN
	Filter gaskets and seating	\square_{Y}	\square N	Exhaust dampers	ДΥ	
	Pumps	\square_{Y}	□ N	Diverter valves	\square_{Y}	M
	Solvent tanks and containers	\square_{Y}	⊡N	Cartridge Filter housing	ΩY	
	Water separators	QY				
(\mathcal{O}_{+} . \mathcal{O}_{-}					
	Rober + 12+e5 Name of Responsible Official					
				4/14/98		
Inspector's Name (Please Print) Margaret V. Henn.'s H/14/98 Date of Inspection						
)	Inspector's Signature			4/99 Approximate Date of Next	Inchesti	On
	Inspector a digitature			Approximate Date of Mext	msbeen	011

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DDITIONAL SITE INFORMATION:	
Manufacturer Real Star Model# RS-47 Serial# 62-64-056	Capacity <u>55</u> lbs Mfg yr 95
Achine #2: Manufacturer Serial#	Capacity lbs Mfg yr
otification (unpermitted sources only): Was the facility assisted in filling out the notification by the Did the facility insist on filling out its own notification, are ecord keeping:	
Does facility have statement/specs as to the design accuracy temperature of 45°F w/accuracy ±2°F, or 7.2°C w/s	-
Is all perc. contaminated wastewater either treated or disposit of the disposit of the facility have secondary containment for the dry-containment for any percentage.	sing carbon filtration? dry machine? c. waste containers? DY DN DY DN
oiler: Manufacturer <u>Hurst</u>	1035#/hr Skance
Model # $93-212$ Serial # $86-150-63$	Mfg yr <u>1993</u>
Fuel Type: Natural gas? propane? fuel o	oil?
comments: Temperature melacured 7°C. Still Bottoms in bucket - Mr. Yates ple Ossisted as using DEP calendarte month totals. Plusions to permit	Loss mes Evap - by Evap. Tech, laced bueleck in closed container. I to 12 cord consecutive 12 to were made and initialed to varify accuracy of temp. Souson,

ADDITIC	ONAL SITE IN	NFORMATIC	ON:				
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TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPE	ECTION: ANN	IUAL COMPLAINT	/DISCOVERY	Υ□	RE-INSPECTION -	$\rho_{\underline{}}$
AIRS ID#: 103	30376 001	DATE: 4/14/98	TIME IN:_	11:30	TIME OUT;	
FACILITY NA	ME:	Yates Cleaners	· 			
FACILITY LO	CATION:	710 S. Missouri Ave.				
		Clearwater, FL, 34616	33756			
RESPONSIBLI	E OFFICIAL: _	Robert Yates		Phone No	o.: 813-446-1963	
Permit No.	. 1030376-001-AG	Exp. Date:				
		he compliance requirements ev Rule 62-213.300, Florida Admi	-	•	ction, the facility is found to be	e in
		the compliance requirements e	_	this inspec	ction, the following compliance	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.
다	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.
<u>a</u>	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 $45^{\circ}F$ with an accuracy of $\pm 2^{\circ}F$, 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).
白	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: Still bottom residue in	Sucket. assisted of doing consecutive calendar. Deed to verify accuracy
12 month total - using DEPis	calendar. Deed to verify accuracy
of temperature Senson.	
	actions are required, you must take immediate corrective
-	perform a follow-up inspection to determine that proper
corrective actions have been taken.	
Inspection Conducted by: Margaret Henni	is
Inspector's Signature: Magazel 4	énnès
Phone Number: 464-4422	<u> </u>

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

300 294

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

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID#1030376

YATES CLEANERS INC ROBERT R YATES 710 MISSOURI AVENUE CLEARWATER FL 34616 FOR GOVERNMENT USE ONLY

Org.: 37550101000 EO: B1 Fund: 20-2-035001

Obj.: 002273

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

AIRS ID#1030376



YATES CLEANERS INC ROBERT R YATES 710 MISSOURI AVENUE CLEARWATER FL 34616

	Do <u>NOT</u>	Remove Label		
Annual Reporting Period:	JAN. 1	19 <u>97</u> то	DEC 3.	<u>/ ~ 19<i>97</i></u>
Based on each term or condition of the Title 62-213.300, Florida Administrative Code (_		Rule NO
If NO, complete the following:				
#1. Term or condition of the general permi	t that has not been in con	tinuous compliance during the	e reporting period st	tated above:
	REC	EIVED		<u></u>
Exact period of non-compliance: from		to	<u>ر</u> د در د در د در د در د در د در د در د	
Action(s) taken to achieve compliance:		V 2 2 1998	20	REV
Method used to demonstrate compliance:	Bureau (of Air Monitoring obile Sources	<u>က</u>	유민
#2. Term or condition of the general permi	t that has not been in con	tinuous compliance during the	e reporting period st	ated above:
Exact period of non-compliance: from		to		
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:	<u> </u>			
As the responsible official, I hereby certify, ba notification are true, accurate and complete. I does not exceed 2,100 gallons per year for dry-	Further, my annual consun	ption of perchloroethylene solv	ent, based upon purci	
RESPONSIBLE OFFICIAL: Rober	+ R. Yates	Robert R. C	1 of 1-	15-98
Na	me (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.

AIRS 10#: 1030376

DRY CLEANER AIR QUALITY GENERAL PERMITED ANNUAL COMPLIANCE CERTIFICATION FORM

	•	
FACILITY NAME: Yates Cleaners	JUN 1 () 1999 DATE: Bureau of Air Monitoring Mobile Sources	5/26/99
FACILITY LOCATION: 7/0 S. Missouri Avr.	Bureau of Air Monitoring & Mobile Sources	
FACILITY NAME: Yates Cleaners FACILITY LOCATION: 710 S. Missouri Aut. Clear Water, FL 33756	& MODII	
Annual Reporting Period: April 14 1998	TO May 26	19 <u>.99</u>
Based on each term or condition of the Title V general air permit, my facility h	/	PRule □NO
If NO, complete the following:		•
#1. Term or condition of the general permit that has not been in continuous co	mpliance during the reporting period	I stated above:
Exact period of non-compliance: from	to	
Action(s) taken to achieve compliance:		
Method used to demonstrate compliance:		
#2. Term or condition of the general permit that has not been in continuous co	mpliance during the reporting period	stated above:
Exact period of non-compliance: from	to_	
Action(s) taken to achieve compliance:	· · · · · · · · · · · · · · · · · · ·	
Method used to demonstrate compliance:		
As the responsible official, I hereby certify, based on information and belief formade in this notification are true, accurate and complete. Further, my annual upon rolling averages of purchase receipts, does not exceed 2,100 gallons per pear for transfer or combination facilities. RESPONSIBLE OFFICIAL: Name (Please Print)	consumption of perchloroethylene so year for dry-to dry facilities or 1,800	olvent, based

^{&#}x27;is form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the tion of the responsible official to use this form.

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030376 001 DATE: 5/26/99 TIME IN: 11:45 TIME OUT: 12:28
FACILITY NAME: Yates Cleaners
FACILITY LOCATION: 710 S. Missouri Ave.
Clearwater, FL, 33756
RESPONSIBLE OFFICIAL: Robert Yates Phone No.: 446-1963
Permit No. <u>1030376-001-AG</u> Exp. Date:
Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):

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.				
notify State as a new Large and California for changed States (be over 140 g.d./month. Deeds to wea source. Record. keeping is (alread, does weekly leak chocks)				
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: Margaret Henni	is				
Inspector's Signature: Manjareh U.	Henris				
Phone Number: 464-4422					

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/DISCO	OVERY 🗖	
AIRS ID#: <u>1030376 001</u>	DATE: 5/24	,/99	TIME IN: _//:45	TIME OUT: 12.	120
FACILITY NAME:	Yates Cleane	rs			
FACILITY LOCATION:	710 S. Missouri	Ave.			
	Clearwater, FL,	33756			
RESPONSIBLE OFFICIA	_		P	HONE: _446-1963	
CONTACT:	bert lates		P	HONE:	
DADEL NOTIFICATION					
PART I: NOTIFICATION					
(Check appropriate box)	DADM D-, 0/1/06	4/1/91	7		
1. Existing facility notified	·	,	•		
2. New facility notified DA		-			
3. Facility failed to notify D	ARM to use general p	ermit		· · · · · · · · · · · · · · · · · · ·	
PART II: CLASSIFICATI	ON	,			
Facility indicated on notifice (Check appropriate box)			No notification form	n pusiness / petroleum	
A. 1. Existing small area and dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before	source	2.	New small area so dry-to-dry only, x < transfer only, x < 20 both types, x < 140 g (Constructed on or	140 gal/yr 0 gal/yr gal/yr	
3. Existing large area so dry-to-dry only, 140-transfer only, 200-xx-both types, 140-xx-1, (Constructed before	Source x<2,100 gal/yr <1,800 gal/yr 800 gal/yr 12/9/91)	4.	New large area so dry-to-dry only, 14 transfer only, 200 to both types, 140 xx (Constructed on or	urce 0 <x<2,100 gal="" yr<br="">x<1,800 gal/yr 1,800 gal/yr <i>after 12/9/91)</i></x<2,100>	٠.
This is a correct facility clas	sification: \Box Y [yn □c	an not determine		,
If no, please check the a facility qualified facility exceeds a	appropriate classification for a general permit as bove limits and is not the contract of the	number _	a general permit		
B. The total quantity of perfacility was 1628		purchased	within the preceding	12 months by this dry c	leaning

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?	ΘÝ	N	□ NA			
2. Examining the containers for leakage?	ŪÝ	ŪΝ	□ NA			
3. Closing and securing machine doors except during loading/unloading?	Y Y	□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?	ΔY	ΠN	⊘ ŃA			
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 refrigerated condenser (complete A below)						
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.	ither a r must ha	efrigerate ive been	ed .			
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated cond	lenser			
A. Has the responsible official of all new sources and existing large area sour (check appropriate boxes)	rces:	> .:				
1. Equipped all machines with the appropriate vent controls?	QY	ΩN				
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	U 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?	□∕Ý	ПN				
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	ΘY	□N	□NA			
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	ŪťÝ	□N				

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٦. F	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 ocated on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	Q _Y	ΠN	
	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?	Ø¥	UN UN	Ona Ona
е	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 □y	□n □n	Ona Ona
e	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?	ΩY	ΠN	□ ₩A
	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΩY	DΝ	ŪR√A
5. F	Routed airflow to the carbon adsorber (if used) at all times?	ΩΥ	ПИ	□NA .
-	Routed airflow to the carbon adsorber (if used) at all times? RT V: RECORDKEEPING REQUIREMENTS	ΩY	N	□ MA
AI		ΩΥ	ΠN	₩A .
AI Ias che	RT V: RECORDKEEPING REQUIREMENTS	□Y □Y		₩A .
Ias che	RT V: RECORDKEEPING REQUIREMENTS the responsible official: ck appropriate boxes)	GAŽ.		₩A .
Ias che	TV: RECORDKEEPING REQUIREMENTS the responsible official: ck appropriate boxes) Maintained receipts for perc purchased?			ΩMA
Ias che	the responsible official: ck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	GY QY	□n □n	□NA
Ias che	the responsible official: ck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	GY QY		
Ias che	the responsible official: ck 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;			□NA
Iass che	the responsible official: ck 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?			□na □na
Iass che	the responsible official: ck 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)			□na □na □na
Iass che	the responsible official: ck 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?			□na □na □na
Iass che	the responsible official: ck 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?			□NA □NA □NA □NA

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PA	PART VI: LEAK DETECTION AND REPAIRS							
1.	1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection?							
2.	Has the facility maintained a l	eak log	g?			ey on		
3.	Does the responsible official c	heck tl	he foll	owing areas	for leaks:			
	Hose connections, fitting couplings, and valves	QY.	□N	□NA	Muck cookers	DY ON ONA		
	Door gaskets and seating	QÝ	Пи	□NA	Stills	ĐÝ ON ONA		
	Filter gaskets and seating	QÝ	Пи	□NA	Exhaust dampers	DY ON ONA		
	Pumps	PÝ	ΠN	□NA	Diverter valves	BÝ ON ONA		
	Solvent tanks and containers	QY	ŪΝ	□NA	Cartridge Filter housing	DY ON ONA		
	Water separators	PP	ПN	□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								
	If using direct-reading instru							
		-			in a range of 0-500 ppm.	☐Y ☐N		
l L	b. Calibrated against a stan	dard ga	as prio	r to and afte	r each use(PID/FID only).	\square_{A} \square_{M}		
	c. Inspected for leaks and c	bvious	signs	of wear on a	a weekly basis?	□Y □N		
	d. Kept in a clean and secu	ire are	a wher	not in use.		\square_{Λ} \square_{M}		
	e. Verified for accuracy by	use of	duplic	ate samples	(calorimetric only)?	□Y □N		
	Margaret O. Henris Inspector's Name (Please Print) Jacquet O. Hours Inspector's Signature 5/200 Approximate Date of Next Inspection							

DDITIONAL SITE INFORMATION:						
Dry cheaning cycle had	just ended. Teny was 4°C. at Senson. I has separator water - fellialism - an waste records - monthly.					
No per e beals ibserved	Has Seperator woten - fillialran -					
mist System. Has he	an isaste record, - monthly.					
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AIRS ID#: <u>/030376</u>

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DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

			•	
FACILITY NAME: <u>Yates</u>	Cleanors		DA	TE: 1-5-00
FACILITY LOCATION: 7/0	S. Misson	uri Ave.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
FACILITY NAME: <u>Yates</u> FACILITY LOCATION: <u>710</u> Clea	arwater FL	33756	· 	·
Annual Reporting Period: May				
Based on each term or condition of the Title 62-213.300, Florida Administrative Code (-,		h DEP Rule NO
If NO, complete the following:				
#1. Term or condition of the general permi	it that has not been in con	tinuous compliance	during the reporting	period stated above:
Exact period of non-compliance: from		to		
Action(s) taken to achieve compliance:		•		
Method used to demonstrate compliance:				
#2. Term or condition of the general permi	it that has not been in conf	tinuous compliance	during the reporting	period stated above;
Exact period of non-compliance: from		to_	RECE	IVED
Action(s) taken to achieve compliance:			FEB 1 1	2000
Method used to demonstrate compliance:			Bureau of Air	Monitoring
			& Mobile S	Sources
As the responsible official, I hereby certify, made in this notification are true, accurate upon rolling averages of purchase receipts, year for transfer or combination facilities.	and complete. Further, n	ny annual consump	tion of perchloroethy	lene solvent, based
RESPONSIBLE OFFICIAL: 76656.	t K. Jates nme (Please Print)	Loly	Signature Signature	7-5-00 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 INSPECTION: ANNUAL COMPL	AINTIDISCOVERY LI RE-INSPECTION LI					
	AIRS ID#: 1030376 DATE: 1/5/00	TIME IN: 11:55 TIME OUT: 12.25					
	FACILITY LOCATION: 710 S. Missouri Ave.						
		12L, FL 33756					
	RESPONSIBLE OFFICIAL: Robert , a						
	Based of the results of the compliance requirem compliance with DEP Rule 62-213.300, Florida	nents evaluated during this inspection, the facility is found to be in a Administrative Code (F.A.C.).					
	Based on the results of the compliance requirent discrepancies were noted (only items which are	ments evaluated during this inspection, the following compliance checked):					
	Inspection Summa Compliance Requirement/Problem	ary Report Guidance Follow-up Action Required					
	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					
J		Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.					
		Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.					
	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.					
	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).					
<u></u>		Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.					
		Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair					

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.						
The Annual Compliance Certification form has been properly	y certified and submitted to the inspector. Yes A-No					
Inspection Conducted by: Margor	(Please Print)					
Inspector's Signature: Mangare	W. Hennes					
Phone Number: 464-4422	Date of next Inspection:(Approximate)					

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1080376 DATE: 1500 TIME IN: 11.55 TIME OUT: 12:25 FACILITY NAME: Yates Cleaners FACILITY LOCATION: 710 S. Missouri Are.
Clearwater, FL 33756
RESPONSIBLE OFFICIAL:
CONTACT: PHONE: —————
PART I: NOTIFICATION
(Check appropriate box)
1. Existing facility notified DARM By 9/1/96
2. New facility notified DARM 30 days prior to startup
3. Facility failed to notify DARM to use general permit
PART II: CLASSIFICATION
Facility indicated on notification form that it is: (Check appropriate box) No notification form Drop store / out of business / petroleum
A. 1. Existing small area source dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed before 12/9/91) 2. New small area source dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed on or after 12/9/91)
3. Existing large area source dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed before 12/9/91) 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 classification:
If no, please check the appropriate classification: facility qualified for a general permit as number above facility exceeds above limits and is not eligible for a general permit
B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleanir 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?	U-Y	ΠN	□NA		
2. Examining the containers for leakage?	UY	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?	1 Y	ΠN	□NA		
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ПΥ	□N	<u> </u>		
	•				
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 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 (complete A and B below.)	refrige	rated cond	lenser		
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?	U Y	ΠN			
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?		□ -Y	□N□NA		
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	DY	ПN	□NA		
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	9 ′ Ý	Пи			
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	OY	ΠN	□NA		
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	□ Y	ΠN			

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?	QY 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?	Oy On Ona Oy 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 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 Oma								
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?	Oy On Ona								
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON Sma								
6.	Routed airflow to the carbon adsorber (if used) at all times?	OY ON OMA								
PART V: RECORDKEEPING REQUIREMENTS										
Has the responsible official: (check appropriate boxes)										
1.	Maintained receipts for perc purchased?	OY ON								
2.										
	Maintained rolling monthly averages of perc consumption?									
3.	Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:									
3.										
3.	Maintained leak detection inspection and repair reports for the following:									
	Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	OY ON ONA								
4.	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								
4.	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								
4. 5. 6.	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								
4. 5. 6.	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?	OY ON ONA								

PART VI: LEAK DETECTION AND REPAIRS										
1.	Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection?									
2.	Has the facility maintained a le	⊕y □n								
3.	Does the responsible official check the following areas for leaks:									
	Hose connections, fitting couplings, and valves	<u>O</u> ry	ŪΝ	□NA	Muck cookers	Oy On	□NA			
	Door gaskets and seating	¥Ý	ΠN	□NA	Stills	OY On	\square_{NA}			
	Filter gaskets and seating	<u>P</u> Ý	ΠN	\square NA	Exhaust dampers	OY On	\square NA			
	Pumps	<u>U</u> Ý	ΠN	□NA	Diverter valves	OY ON	\square_{NA}			
	Solvent tanks and containers	<u>Y</u> Ý	ΠN	\square_{NA}	Cartridge Filter housing	Oy On	□NA			
	Water separators	YY.	ΠN	□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									
	If using direct-reading instrumentation, is the equipment:									
	a Capable of detecting perc vapor concentrations in a range of 0-500 ppm.						□Y □N			
	b. Calibrated against a standard gas prior to and after each use(PID/FID only).									
	c. Inspected for leaks and obvious signs of wear on a weekly basis?									
	d. Kept in a clean and secure area when not in use.									
e. Verified for accuracy by use of duplicate samples (calorimetric only)?										
Margaret Hennis Inspector's Name (Please Print) Margaret V. Hinris Inspector's Signature Approximate Date of Next Inspection										

ADDITIONAL SITE INFOR	MATION:	
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Rece

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: Y	ates Cleaners		Date: 7/25/00	
FACILITY LOCATION:_	710 S. Missouri Ave.		<u> </u>	<u> </u>
_	Clearwater, FL, 33756			
	<u>-</u>			
Annual Reporting Period:	January 5, 2	0_ 00 To	July 25, 2000	
Based on each term or condition of 213.300, Florida Administrative C	f the Title V general air permit, code (F.A.C.), during the period	my facility has remained covered by this statement	in compliance with DEP Rule 62- t. PYYES D NO	
IF NO, complete the following	:	1		
#1. Term or condition of the general Exact period of non-compliance: Action(s) taken to achieve complimentation of the general Exact period of non-compliance: Action(s) taken to achieve complimentation of the general Exact period of non-compliance: Action(s) taken to achieve complimentation of the general Exact period of the general Exa	ral permit that has not been in c	ontinuous compliance du	ring the reporting period stated abo	ive:
Exact period of non-compliance: 1	rom	Nos to	2	
Action(s) taken to achieve compli	ance:	S CON NOT NOT NOT NOT NOT NOT NOT NOT NOT N	M	
Method used to demonstrate comp	oliance:	irces i		
#2. Term or condition of the gen	eral permit that has not been in o	continuous compliance du	nring the reporting period stated abo	ove:
Exact period of non-compliance:	from	to		
Action(s) taken to achieve compli	ance:			
Method used to demonstrate comp	pliance:			
As the responsible official, that the statements made in of perchloroethylene solven per year for dry-to-dry facili	I hereby certify, based on in this notification are true, a t, based upon rolling avera ties or 1,800 gallons per ye	nformation and belief ecurate and complete ges of purchase received ear for transfer or con	f formed after reasonable inqu. Further, my annual consum pts, does not exceed 2,100 ganbination facilities.	uiry, iption illons
RESPONSIBLE OFFICIAL	: Robert Yates (Name, Please Print)	Lole X K - Signatur	7-25.G e Date	<u> </u>

^{*}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 (NSPECTION SUMMARY REPORT



TYPE OF IN	SPECTION:	ANNUAL	✓ COMPLAIN	T/DISCOVER	Y 🖳	RE-INSPE	CTION	
AIRS ID#:	1030376	DATE	: 7/25/00	TIME IN:	11:550.	TIME OU	JT: #	140p.n
FACILITY	NAME:	Yates Cle	eaners					
FACILITY	LOCATION:	_710 S. Misso	ouri Ave.					
1	,	Clearwater, I	FL, 33756					
RESPONSII	BLE OFFICIAL	: Robert Ya	tes	•	Phone N	Io.: <u>44</u>	6-196	3
	Permit No.	_1030376-001	1-AG	Exp. Date:	2/14/0	2		
<u> </u>		-	liance requirements 6	_	-	ion, the facili	ty is found	to be in
. 🗆		-	bliance requirements	-	this inspec	tion, the follo	wing compl	liance

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:	,
Comments.	
	ctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by: Jef	£ Morris
Inspector's Signature:	Morris
Phone Number: 464-4	422

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL GOMPLAINT/DISCOVERY RE-INSPECTION	
AIRS ID#: 1030376 FACILITY NAME: FACILITY LOCATION: RESPONSIBLE OFFICIA	Date: 7/25/60 TIME IN: 11:55a. TIME Yates Cleaners 710 S. Missouri Ave. Clearwater, FL, 33756 L: Robert Yates PHONE:	E OUT: 1:10 p.m. 446-1963
CONTACT:	Robert Yates PHONE:	446-1963
PART I: NOTIFICATION		
 (Check appropriate box) Existing facility notified New facility notified DA Facility failed to notify D 	RM 30 days prior to startup	호 - -
PART II: CLASSIFICATI	ON	
Facility indicated on notificate (Check appropriate box) A. 1. Existing small area and dry-to-dry only, x<14 transfer only, x<200 both types, x<140 gas (Constructed before and dry-to-dry only, 140 transfer only, 200 < x-both types, 140 < x<1 (Constructed before and dry-to-dry only, 140 < x transfer only, 200 < x-both types, 140 < x<1 (Constructed before and dry-to-dry only, 140 < x transfer only, 200 < x-both types, 140 < x < 1 (Constructed before and dry-to-dry only, 140 < x < 1 (Constructed before and dry-to-dry only, 140 < x < 1 (Constructed before and dry-to-dry only, 140 < x < 1 (Constructed before and dry-to-dry only, 140 < x < 1 (Constructed before and dry-to-dry-	ation form that it is: Drop store / out of business Source O gal/yr gal/yr (/yr (/yr (/2/9/91)) Source x < 2,100 gal/yr (1,800 gal/yr 800 gal/yr (12/9/91) Drop store / out of business 2. New small area source dry-to-dry only, x < 140 gal/yr (Constructed on or after 12 4. New large area source dry-to-dry only, 140 < x < 2,1 transfer only, 200 < x < 1,800 both types, 140 < x < 1,800 both types, 140 < x < 1,800 constructed on or after 12 Constructed on or after 12	/yr 2/9/91) 100 gal/yr 12/9/yr
B. The total quantity of perfacility was	chloroethylene (perc) purchased within the preceding 12 mon- gallons.	ths 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?	¥Y	ΠN	□NA	
2. Examining the containers for leakage?	I Y	□ N	□NA	
3. Closing and securing machine doors except during loading/unloading?	TYY	ŪΝ		
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	☑ Y	ПN	□NA	
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	☐ Y	ПN	⊠ NA	
PART IV: PROCESS VENT CONTROLS				
In Part II-A:				
	4 37	•		
If classification (1) has been checked, no controls are required. Proceed to Pa				
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 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 (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	\square N	□NA	
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	⊴ Y	ΠN	□NA	
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	⊡ Y	ΠN		
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?	\mathbf{q}^{λ}	ПN		
			,	

R		
1.	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?	OY ON ONA
	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 ppan?	□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, 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
PA	ART V: RECORDKEEPING REQUIREMENTS	
П		
(c	as the responsible official: heck appropriate boxes)	
1 .	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	✓Y □N
1.		ŪY □N
1.	Maintained receipts for perc purchased?	☐Y □N
1.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	☐Y □N ☐N ☐Y □N ☐NA
1.	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;	MY ON MAA
1. 2. 3.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	MY ON MA
1. 2. 3.	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?	MY ON MAA
1. 2. 3.	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?	MY ON MA OY ON MA OY ON MA
1. 2. 3. 4. 5. 6.	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?	MY ON MAA OY ON MAA OY ON MAA OY ON MAA
1. 2. 3. 4. 5. 6.	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?	MY ON OY ON MA OY ON MA OY ON MA OY ON MA OY ON MA

PA	ART VI: LEAK DETECTIO	N AN	D REI	PAIRS				·····
1.	Does the responsible official c inspection?	onduc	t a wee	kly (for	sma	ll sources, bi-weekly leak	detect	
2.	Has the facility maintained a le	eak log	g?				Y	□N.
3.	Does the responsible official c	heck t	he foll	owing ar	eas	for leaks:		
	Hose connections, fitting couplings, and valves	Y	□N	□NA		Muck cookers	₽Y	□n □na
	Door gaskets and seating	ĭY	ŪΝ	□NA		Stills	Y	□n □na
	Filter gaskets and seating	Y	, 🗖 N	□NA		Exhaust dampers	Y Y	□n □na
.	Pumps	Y	□N	□NA		Diverter valves	1 Y	□n □na
	Solvent tanks and containers	Z Y	□N	□NA		Cartridge Filter housing	Y	□n □na
	Water separators	IJY	□N	□NA				
4.	Halogen leak detec	n (cond (airflo erc od- ng inst	densed w felt or) trumen	solvent through station (F	of e gask FID/	xterior surfaces) xets) PID/calorimetric tubes)		ত্ৰিত ত
	If using direct-reading instru			_				□y □n
	a Capable of detecting pe	•		ر ا	ı			OY ON
-		_		$\setminus \mid \bot$	#	each use(PID/FID only).		
	c. Inspected for leaks and o					weekly basis?		
	d. Kept in a clean and seco					Caalarina staia a ula NO		
	e. Verified for accuracy by	use of	dupiic	ate samp			•	
-	Inspector's Name (Rlease Print)	ris nt)				7/25/ Date of Ins	Spection	n .
_	Inspector's Signature					Approximate Date	of Ne	ct Inspection

1030376 feeld 101 861

~~ / · / · / · · /	_	CERTIFICATION FOR	
FACILITY NAME: Yat	es Cleaners	DATE:	1/4/2001
FACILITY LOCATION: 710	S. Missouri Ave.		
Cle	arwater, FL, 33756		
Annual Reporting Period: July	25 20	00 To Ja	nuary 22 20 0
Based on each term or condition of th compliance with DEP Rule 62-213.30 covered by this statement.	e Title V general air per	mit, my facility has remair	ned in
IF NO, complete the following: #1. Term or condition of the general above:	permit that has not been	in continuous compliance	during the reporting period stated
Exact period of non-compliance: from	1	to	
Action(s) taken to achieve compliance	»:		·
Method used to demonstrate complian	ice:		
#2. Term or condition of the general above:	permit that has not been	in continuous compliance	during the reporting period stated
Exact period of non-compliance: from	1	to	
Action(s) taken to achieve compliance	»:		
Method used to demonstrate complian	nce:		
As the responsible official, I hereby co	ertify, based on informa	tion and belief formed afte	r reasonable inquiry, that the

statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to-dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL:

Robert Yates

(Name, Please Print)

*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

ı	YPE OF INSPECTION:	ANNUAL LI COMPLAINT/	DISCOVERY	☐ RE-IN	SPECTION
	AIRS ID 103 0376	DATE: 1/44/200/ TIME IN	: 9:45 AM	TIME OU	T: 10:35 AM
	FACILITY NAME:	Yates Cleaners	·		·
	FACILITY LOCATION:	710 S. Missouri Ave., Clearwater,	33756		
	RESPONSIBLE OFFICIAL:	Robert Yates	PHONE NUM	BER:	446-1963
	Permit No.	1030376-001-AG	Exp. Date:		
	Permit No.	1030376-001-AG	Exp. Date:		

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

Based on the results of the compliance requirements evaluated during this inspection, the following **compliance** discrepancies were noted:

	Compliance Requirement/Problem	Follow-up Action Required
٥	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated record keeping, 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
0	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
o	Monthly purchase records were not maintained as a consecutive twelve-month total.	Develop and implement a record keeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
O	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.
٥	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).
o	Did not store all perchloroethylene, and perchloroethylene containing waste in tightly sealed containers.	Store all perchloroethylene and perchloroethylene-containing waste in tightly sealed containers, which are impervious and chemically un-reactive to the solvent.
a	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.
. 0	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.

	Compliance Requirement/Problem	Follow-up Action Required
	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.
0	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.
٥	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.
٥	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.
a	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.
٥	Temperature monitoring was not conducted after an appropriate cool down period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cool down period and after verifying that the coolant has been completely charged.
۵	Containers for perchloroethylene and/or perchloroethylene containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene containing waste, for leakage.
۵		
۵		
Co	mments:	
me cor	asures to achieve compliance. Pinellas County wi rrective actions have been taken.	actions are required, you must take immediate corrective all perform a follow-up inspection to determine that proper early certified and submitted to the inspector. Yes \(\Q_i\) No \(\Q_i\)
	DATE OF NEXT INSPECTION	1 /2002.
I	NSPECTION CONDUCTED BY: Pwu-	Sheng Liu
I	NSPECTOR'S SIGNATURE:	PHONE NUMBER: 464-4422

Klal

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL ME-INSPECTION	COMPLAIN	T/DISCOVERY •		
AIRS ID#: 103 0376	DATE: 1/#4/200	TIME IN: 93	15 AN TIME OUT:	10: 20	- A.A.A
AIRS ID#: 103 0370	DATE. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11ME 114. 9.	THE OUT:	10.50	> A10)
FACILITY NAME:	Yates Cleaners				
FACILITY LOCATION:	710 S. Missouri Ave.		· ·		
	Clearwater, FL, 33756				
RESPONSIBLE	Robert Yates		Phone No.: 446-1963		
OFFICIAL:					
PERMIT	1 4 C	EVD DATE.			
NO. 1030376-003 CONTACT: Robert Yates		EXP. DATE: PHONE:	446-1963		
CONTACT: ROBERT Tates	S	THORE.			
PART I: NOTIFICATION	N				
(Check appropriate box)					
1. Existing facility notified	DARM by 9/1/96		•	u ,	ν 1 Λ
2. New facility notified DA	•	D		<u> </u>	$\Lambda 4$
3. Facility failed to notify I					' .
3. I define to notify 2	The second point point	·•			
PART II: CLASSIFICAT	TION				
Facility indicated on notific (Check appropriate box)	ation form that it is:	<u></u>	notification form op store / out of business /	petroleu	ım
(Check appropriate box) A.	· · · · · · · · · · · · · · · · · · ·	□ Dro	op store / out of business /		ım
(Check appropriate box) A. 1. Existing small area	source 🗅	Dro 2. New small	p store / out of business / all area source	petroleu X	ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140	source □ gal/yr	2. New small dry-to-dry	op store / out of business / all area source only, x □ 140 gal/yr		ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 200 ga	source gal/yr l/yr	2. New small dry-to-dry of transfer only	op store / out of business / all area source only, x □ 140 gal/yr ly, x □ 200 gal/yr		ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 140 gal/y both types, x □ 140 gal/y	source	2. New small dry-to-dry of transfer only both types,	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \)		ım
(Check appropriate box) A. 1. Existing small area: dry-to-dry only, x □ 140 transfer only, x □ 200 ga both types, x □ 140 gal/y (Constructed before 12/	source gal/yr ll/yr /r (9/91)	2. New small dry-to-dry of transfer online both types, (Constructed)	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \) ed on or after 12/9/91)		ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 140 gal/y (Constructed before 12/3. Existing large area states.)	source gal/yr l/yr /r (9/91) source	2. New small dry-to-dry of transfer only both types, (Constructed 4. New larger)	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \) ed on or after 12/9/91) ge area source	X	ım
(Check appropriate box) A. 1. Existing small area: dry-to-dry only, x □ 140 transfer only, x □ 200 ga both types, x □ 140 gal/y (Constructed before 12/	source gal/yr l/yr /r 9/91) source □ 2,100 gal/yr	2. New smale dry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of the control of the	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \) ed on or after 12/9/91)	X	ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 140 gal/y (Constructed before 12/3. Existing large area and dry-to-dry only, 140 □ x □ 140 □ x	source gal/yr l/yr /r '9/91) source □ 2,100 gal/yr 1,800 gal/yr	2. New small dry-to-dry of transfer only both types, (Constructed 4. New larged dry-to-dry of transfer only constructed tr	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \) ed on or after 12/9/91) ge area source only, 140 \(\text{x} \) \(\text{2,100 gal/yr} \)	X	ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 200 gate both types, x □ 140 gal/y (Constructed before 12/3. Existing large area and dry-to-dry only, 140 □ x transfer only, 200 □ x □ 1	source gal/yr l/yr /r 9/91) source □ 2,100 gal/yr 1,800 gal/yr 00 gal/yr	2. New smale dry-to-dry of transfer only both types, (Constructed 4. New larged dry-to-dry of transfer only both types,	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \) ed on or after 12/9/91) ge area source only, 140 \(\text{x} \) ly, 200 \(\text{x} \) 1,800 gal/yr	X	ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 140 gal/y (Constructed before 12/3. Existing large area and dry-to-dry only, 140 □ x □ transfer only, 200 □ x □ 1 both types, 140 □ x □ 1,8	source gal/yr l/yr /r 9/91) source □ 2,100 gal/yr 1,800 gal/yr 00 gal/yr	2. New smale dry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types)	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) ed on or after 12/9/91) ge area source only, 140 \(\text{x} \) ly, 200 \(\text{gal/yr} \) ed on or after 12/9/91)	X	ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 140 gal/y (Constructed before 12/3. Existing large area and dry-to-dry only, 140 □ x □ transfer only, 200 □ x □ 1 both types, 140 □ x □ 1,8	source gal/yr l/yr /r 9/91) source □ 2,100 gal/yr 1,800 gal/yr 00 gal/yr 9/91)	2. New smale dry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types, (Constructed 4. New largedry-to-dry of transfer only both types)	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) ed on or after 12/9/91) ge area source only, 140 \(\text{x} \) ly, 200 \(\text{gal/yr} \) 140 \(\text{x} \) ly, 200 \(\text{gal/yr} \)	X	ım
(Check appropriate box) A. 1. Existing small area and dry-to-dry only, x □ 140 transfer only, x □ 200 gat both types, x □ 140 gal/y (Constructed before 12/3. Existing large area and dry-to-dry only, 140 □ x □ transfer only, 200 □ x □ 1 both types, 140 □ x □ 1,8 (Constructed before 12/4 This is a correct facility If no, please check the appropriate □ facility qualified	gal/yr l/yr /r 9/91) source □ 2,100 gal/yr ,800 gal/yr 00 gal/yr 9/91) classification opriate classification: for a general permit as num above limits and is not eligichloroethylene purchased w	2. New smale dry-to-dry of transfer only both types, (Constructed 4. New larged dry-to-dry of transfer only both types, (Constructed Y Y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	all area source only, x \(\text{140 gal/yr} \) ly, x \(\text{200 gal/yr} \) x \(\text{140 gal/yr} \) d on or after 12/9/91) ge area source only, 140 \(\text{x} \) \(\text{2,100 gal/yr} \) ly, 200 \(\text{x} \) \(\text{1,800 gal/yr} \) ly, 200 \(\text{x} \) \(\text{1,800 gal/yr} \) d on or after 12/9/91) \[\text{Can not determine} \] above.		ım

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? ØΥ \square N \square NA ØΥ 2. Examining the containers for leakage? \square N . \square NA X Y 3. Closing and securing machine doors except during loading/unloading? \square N 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Facility uses spinned filter (made with dotted Y X NA \square N 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? \Box Y \square N 🔯 NA PART IV: PROCESS VENT CONTROLS In Part II-A: If classification (1) has been checked, no controls are required. Proceed to Part V. If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below) If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 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? ØΥ \square N 🛛 Y 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? \square N \square NA 3. Equipped the condenser with a diverter valve so airflow will be directed XY \square N \square NA away from the condenser upon opening the door? 4. Measured and recorded the temperature of the outlet exhaust stream of a ΧIY \square N refrigerated condenser on a weekly basis? Repaired or adjusted the equipment within 24 hours if the exhaust 5. ØΥ \square N \square NA temperature of the condenser exceeded 45°F? 6. Conducted all temperature monitoring after an appropriate cool down XY \square N

period and after verifying the coolant had been completely charged?

г				
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?	×Υ	ΩN	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet	ΩY	ΩN	□NA
	weekly? Is the temperature differential equal to or greather of F?	ΩY	ŪΝ	□NA
3.	Measured and recorded the perc concentration in the final drying cycle while the machine is venting to the with a carbon adsorber?	· •Y	□N	□NA
	Is the perc concentration equ less than 1(ŪΥ	ŪΝ	□NA
4.	Assured that the san adsorber flaust for measuring perc. concentrations is at least stream of any bend, contraction, or			. *-
	expansion; is at least 2 c and downstream from no let?	ΟY	□N	□NA
5.	Equipped transfer machines (yers, reclaimers, and washers) with individual condenser coils?	ΟY	ΩŃ	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΩY	ΠN	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS	<u> </u>		
	as the responsible official: heck appropriate boxes)			
1.	Maintained receipts for perc purchased?	ØΥ	ΩN	
2.	Maintained rolling monthly averages of perc consumption?	ØΊΥ	ΩN	
3.	Maintained leak detection inspection and repair reports for the following:			
	a. Documentation of leaks repaired w/in 24 hrs? or;	ΩY	ΩN	X NA
	b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	ΟY	□N	M NA
4.	Maintained calibration data? (for direct reading instrument only)	ΩY	ΩN	X NA
5.	Maintained exhaust duct monitoring data on perc concentrations?	ΩY	ΩN	XNA
6.	Maintained startup/shutdown/malfunction plan?	ΣĮΥ	ΩN	
I				
7.	Maintained deviation reports?	ΩY	ΩN	Þ ÍNA
7.	Maintained deviation reports? Problem corrected?	OY OY	□N □N	

PART VI: LEAK DETECTION AND REPAIRS

					<u> </u>			
1.	Does the responsible official cond	uct a w	eekly le	ak detection	and repair inspection?		ΧY	ΠN
2.	Which method of detection does the responsible official use?							ΩN
	Visual examination (condensed solvent of exterior surfaces)							
	Physical detection (airflow		\boxtimes					
	Odor (noticeable perc odor		X					
' !	Use of direct-reading instrumentation (FID/PID/calorimetric tubes)							
	If using direct-reading instrumentation, is the equipment:							
	a. Capable of detecting per	.,		7. 7.	`		$\Box Y$	ΠN
	b. Calibrated against a stan	~				·).	$\Box Y$	DΝ
	c. Inspected for leaks and c						$\Box Y$	ΩN
	d. Kept in a clean and secu		7				$\Box Y$	□N
	e. Verified for accuracy by				calorimetric only)?		$\Box Y$	ΠN
3.	Has the facility maintained a leak			· ·			ĽΥΎ	ΩN
4.	The following area should be chec	•	leaks b	v the inspec	tor:		ΠY	ONE
	Hose connections, fitting	⊠Y	ΩN	,	Muck cookers	NΑ	ΩY	ΩN
	couplings, and valves							
 	Door gaskets and seating	$\boxtimes Y$	\Box N		Stills		ŽΊΥ	\Box N
	Filter gaskets and seating	ďχ	\Box N		Exhaust dampers	NA	$\Box Y$	\Box N
	Pumps	ØY	$\square N$		Diverter valves		ΔY	\Box N
	Solvent tanks and containers	ØΥ	\Box N		Cartridge Filter ho	using	$\Box Y$	\Box N
	Water separators	ØΥ	\square N		Facility uses spi	n elat	h filte	1
411					to venuve sol			
120	obert Yates			_				
Name	e of Responsible Official							
Pu	ou-Shena Liu				1/49/2001			
Inspe	ctor's Name (Please Print)			Date	of Inspection			
D	Wu Flen hin				1/2002			
Inono	otor's Signature				avimata Data of Naut Ir	annotic		

ADDITIONAL SITE INFORMATION:					
Store Hours: Mon-Fri 7-7 Sat 8-5					
Employees on Site: 6					
Spinned filter is used. Disc-like dother and spinned out solids:					
Spinned filter is used. Disc-like dother and spinned out solids,					
<u> </u>					
· · · · · · · · · · · · · · · · · · ·					
· · · · · · · · · · · · · · · · · · ·					

	<u>2</u> 2	<u>_</u>		
11	$\overline{\mathcal{Q}}$	7	200	-

ADDITIONAL SITE INFORMATION:

Machine #1:	·		
Manufacturer Realstar	Capacity 5:	5 lbs	
Model# RS-47	Serial# 62-E4-05>	Mfg yr	95
Machine #2:			
Manufacturer	Capacity	lbs	
Model#	Serial#	Mfg yr	
Notification (unpermitted sour	ces only):	•	
1. Was the facility assisted in fill	ing out the notification by the inspector?	\Box Y	DN WA
2. Did the facility insist on filling	out its own notification, and will send it to FDEP?	ΠY	ON NA
Record keeping:		,	
1. Does facility have statement/s	pecs as to the design accuracy of the temperature sensor?	T Y	\Box N
(Temperature of 45°F w/	accuracy ±2°F, or 7.2°C w/accuracy of ±1.1°C)		
Hazardous Waste:			
1. Is all perc. contaminated waste	water either treated or disposed of properly?	ΦY	\Box N
l .	it an approved system, and using carbon filtration?	$\mathbf{\nabla}\mathbf{Y}$	\Box N
3. Does the facility have seconda	ry containment for the dry-dry machine?	Y	\Box N
4. Does the facility have seconda	ry containment for any perc. waste containers?	ŒΥ	ΠN
Boiler: Hurst			
Manufacturer	3	O Hp	
Model # 93-2/2	Serial # V86-150-63	Mfg yr	1993
			• •
Fuel Type: Natural gas?	□ Propane? □ Fuel oil? Д	•	
Comments:			
	•		
	•		
	•		



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

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID # 1030376

YATES CLEANERS ROBERT R YATES 710 MISSOURI AVENUE CLEARWATER FL 34616 FOR GOVERNMENT USE ONLY

Org.: 37550101000 EO: B1 Fund: 20-2-035001 Obj.: 002273

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0355013

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TOTAL AMOUNT DUE: \$50.00 Secontos olidom & Secon

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YATES CLEANERS ROBERT R YATES 710 MISSOURI AVENUE CLEARWATER FL 34616 FOR GOVERNMENT USE OF STREET OF STRE



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411962 DEC20 2001

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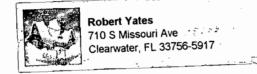
AIRS ID # 1030376

YATES CLEANERS ROBERT R YATES 710 MISSOURI AVENUE CLEARWATER FL

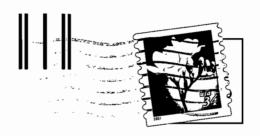
34616

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

Obj.: 002273







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

32315+3070 33

THIS PORTION MOST BE ATTACHED TO KEMINITANCE FOR PROPER HANDLING.

405670 FEB202001

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Org.: 37550101000 EO: A1

Fund: 20-2-035001 Obj.: 002273



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407291 MAR21 2001

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Jew all

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AIRS ID # 1030376

YATES CLEANERS ROBERT R YATES 710 MISSOURI AVENUE

CLEARWATER FL 34616

FOR GOVERNMENT US Org.: 37550101000 20: Fund: 20-2-0350012 Fund: 20-2-035

Obj.: 002273

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[] []	Postage	\$	
9	Certified Fee		
n n	Return Receipt Fee (Endorsement Required)		Postmark Here
	Restricted Delivery Fee (Endorsement Required)		
-	Tatal Dastena & Free	φ.	
:		AIRS ID # 1030	
	ATES CLEANERS		iler)
	OBERT R YATES		
- '	10 MISSOURI AVEN		
EC	LEARWATER FL 346	516	

DOSIGNA NO.	Acres e for instructions
SENDER: SOME ENVELOPE SENDER: SALVED SENDER:	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: AIRS ID # 1030376 YATES CLEANERS ROBERT R YATES	A. Received by (Please Print Clearly) B. Date of Delivery C. Signature X D. Is delivery address different from item 1? Yes If YES, enter delivery address below:
710 MISSOURI AVENUE CLEARWATER FL 34616	3. Service Type Certified Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee) Yes
2. Article Number (Copy from service label) 7000 0600 0000	7825 506A
PS Form 3811, July 1999 Domestic Ref	turn Receipt 102595-99-M-1789

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See neverse for instructions
OL ∀1d COMPLETE THIS SECTION ON DELIVERY
A. Received by (Please Print Clearly) B. Date of Delivery C. Signature X A and Lolt Agent Addressee
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
3. Service Type .
☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes