Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):	٦
1.	Tachity Owner/Company Name (Ivanie of Corporation, agency, or individual owner).	
	remote 200.	
2.	Site Name (For example, plant name or number):	٦
	Kon's Cleaners	
_	Hazardous Waste Generator Identification Number:	_
3.	Hazardous waste Generator Identification Number:	
	f L	
4.	Facility Location: 1506 - 544 Que. N. #4	
	Facility Location: 150le - 54th Que N. #4 Street Address: City: St. Potensburg, 91 County: Pinellos Zip Code: 33703	ļ
5.	Facility Identification Number (DEP Use):	
	1030502	100 142 142
		4
	Responsible Official	
6.	Name and Title of Responsible Official:	
	Kurt Schroeder - Owner/Pres.	
7	Responsible Official Mailing Address:	┥
٠.	Organization/Firm:	
	Street Address:	
	City: County: Zip Code:	
	D 21 OCC LET L 1 N 1	4
8.	Responsible Official Telephone Number: Telephone: 8/3 1525 - 1074 Fax: () -	
	Telephone. VIS BQ3 1/0/4	
	.	_
	Facility Contact (If different from Responsible Official)	
0	Name and Title of Facility Contact (For example, plant manager):	٦
7.	Name and Thie of Lacinty Contact (For example, plant manager).	
10.	Facility Contact Address:	٦
	Character A. L.L.	1
	Street Address: City: County: Zip Code:	
	County. Zip Code.	
11.	Facility Contact Telephone Number:	┨
- • •	Telephone: () - Fax: () -	

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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 Machine	Date Control		Date Machine	Date Control		Date Machine	Date Control
١			Initially	Device		Initially	Device		Initially	Device
1	Type of Machine	ID	Purchased	Installed	ıD	Purchased	Installed	ID	Purchased	Installed
ĺ	Example	#1		12-NOV-93	#2		mstaned	#3	02-MAR-92	
ŀ	Dry-to-Dry Unit									
	(1) w/ ref. condenser	#1	08-200-91	08-DEC-91	#2	OS Decsi	08-Doc 91		1	
	(2) w/ carbon adsorber				-		1	_		<u> </u>
	(3) w/ no controls									
ſ	Washer Unit		•							
	(4) w/ ref. condenser									
	(5) w/ carbon adsorber									
	(6) w/ no controls									
ſ	Dryer Unit		•							
	(7) w/ ref. condenser									
	(8) w/ carbon adsorber									
	(9) w/ no controls									
Ī	Reclaimer Unit					•				
_	(10) w/ ref. condenser									
	(11) w/carbon adsorber									
	(12) w/ no controls									
	(b) Control devices are (c) No control devices 2.(a) What was the total of	are re quant gallo	equired to be ity of perchlo	installed [_	y perc)	_] purchased in				
	(b) If less than 12 mont Check why it is less	hs, he than	ow many? [(p months New owner:	ΪX	_] New store	: [] Did	not k	eep records:	
	3. What is the facility's so (Indicate with an "X".					nitions found	d in section (3) of	Part II?	
9	Existing small ar	ea so	urce X	No	ew sn	nall area sou	rce []		
	Existing large are	ea soi	urce []	N	ew la	rge area sour	ce []		

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 What control technology is required on machines p (Indicate with an "X".) 	ursuant to section (5) of Part II of this notification form?
Existing large area source Carbon adsorber []	Refrigerated condenser []
New small area source Refrigerated condenser []	
New large area source Refrigerated condenser	
to Rule 62-213.300, F.A.C. Verify that all steam and exemption criteria or that no such units exist on-site:	nits shall not be eligible to use the general permit pursuant hot water generating units on-site meet the following
	ave a total heat input of 10 million BTU/hr or less (298 tural gas except for periods of natural gas curtailment than one percent sulfur is fired.
All steam and hot water generating units exempt No such units on-site	
Equipment Monitoring an	nd Recordkeeping Information
	nd Recordkeeping Information accordance with the requirements of this general permit:
Check all logs which are required to be kept on-site in	accordance with the requirements of this general permit:
Check all logs which are required to be kept on-site in (a) Purchase receipts and solvent purchases	accordance with the requirements of this general permit:
Check all logs which are required to be kept on-site in (a) Purchase receipts and solvent purchases (b) Leak detection inspection and repair	accordance with the requirements of this general permit:
Check all logs which are required to be kept on-site in (a) Purchase receipts and solvent purchases (b) Leak detection inspection and repair (c) Refrigerated condenser temperature monitoring	accordance with the requirements of this general permit:

DEP Form No. 62-213.900(2)

Effective: 6-25-96

Surrender of Existing Air Permit(s)

	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
Ķ	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in
statemen maintain	ication. I hereby certify, based on information and belief formed after reasonable inquiry, that the ts made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to with all terms and conditions of this general permit as set forth in Part II of this notification form.
statemen maintain comply v	ts made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to

Signature

off Morris and asked lim to do another inspection of Keins Ceaners for his per records.

I asked yelf to wheels the records from Aug 97 to Sept 96.

and also wheel him to find out when the 2nd marking was taken off line". 9:30A Spoke to Mr. Hurt Shroeder of Heis Cleaners to inform him of his re-inspection. Tales informed him that he did must have to purchase a refrequented condenser to comply with the regulations. Jeff morris with call ballahussed when the and ispection is complete.

Wherhop in August 96 What type of messing devices one available? That is involved in making a scenflingfort Education downstream / 2 clast dias upstream 1 colorinetie tale & bellous

2 piston-driven securs

3 direct reading instrumentation mels Voilley Phoenix Sapply 800-182-2924 When was the 2nd machine disconnected One there definite records for the pere purchases? Mintenere Program from Matrix (Dan) Tuesday afternoon > Computer training AMMS COMPLIANCE Date: 9/2/97 10:01:31 AM From: Henry Estevez TAL

Subject: Ken's Dry Cleaners/St. Pete.

To: Sandy Bowman TAL CC: Rick Butler TAL

Here's a transcript of my notes of the phonecall I received from the owner of Ken's Dry Cleaners in St. Petersburg.

8-25-97 (2:45pm).

Re: Ken's Cleaners

1506 54th Avenue North, Suite 5

St. Petersburg, FL 33703

Owner: Mr. Kurt Schroeder @ 813-525-1074

Mr. Schroeder called the Tallahassee office of DEP after the local program inspector visited his shop for a compliance inspection. He had some questions about 1) the size classification for his shop and 2) as to the requirement for a "meter" at the exhaust point of the machine.

- 1) Mr. Schoeder says he notified DEP as to eligibility to use the Title V Air General Permit on 8-14-96. He purchased the shop in February 1996 and was running two machines. He attended some workshops put on by the Dept. and learned that it was important to keep below the 140 gal./year of PERC purchased, in order to have his business classified as an "existing small" source. He then decided to shut down one of his machines and to set his PERC purchasing at a steady 10 gal/month. The machine that was shut down is still on site but is "disconnected". PERC purchasing records for 1996 indicate about 180 gals total for the two machines. Since Jan of 1997 he has purchased only 10 gals/month. He says that the information as to the significance of the 140 gal/yr. limit was not available to him until he attended the workshops and he does not want to be "penalized" for the shop having bought more than 140 gal/yr before the second machine was shut down. He said that the inspector (Jeffrey Morris of AQD Pinellas County @ 813-464-4422) said that he would need a letter from DEP in order to be classified as an "existing small" source.
- 2) A second minor issue is whether he is required to have some sort of "meter" at the exhaust point of his machine.

I told Mr. Schroeder that the first thing I wanted to do is to get information from the local program inspector, to make sure we had all the facts straight. That we would then get back in touch with him.

I do want to make sure that we do talk with the local program people to make sure we understand what the situation is. I do not want to get in the business of reversing decisions that the local programs make as to area sources within their jurisdiction ... at least not without some very good, solid reasons ... and only after we talk over the situation with them. We are a team, together with all the locals, and we need to communicate as a team ... not as adversaries.

So, please call the local program and try to get the facts for this situation.

And please assure them that we will work WITH them to resolve whatever questions there may be.

Thanks

Henry

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Revised 10/10/9

AIRS 10#: 1030302

SEP 9 1997

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION of Mobile Sources

FACILITY LOCATION: 1506 546h AVE	,
St Petersburg, FL 33703	
Annual Reporting Period: August 25, 1996 TO August 25,	19 <u>97</u>
Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. TYES	
If NO, complete the following:	
#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period state	d above:
Monthly nurchase records were not maint as a truling average Exact period of non-compliance: from August 25, 1996 to August 25	tained , 1997
Action(s) taken to achieve compliance: Develop and implement a record k Procedure that maintains monthly Method used to demonstrate compliance: a.s. a 12 month rolling average	eepino
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period state Did not maintain a leak log detection in sy and repair records. Exact period of non-compliance: from August 25, 1996 to August 25, 1 Action(s) taken to achieve compliance: Develop and implement a leak of	pection 997
Method used to demonstrate compliance: inspection and repair program. Mointain a log of leak detection repair records	
As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the state made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons year for transfer or combination facilities. RESPONSIBLE OFFICIAL: Name (Please Print) Signature	, based

^{*}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.

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AIRS 10#: 1030302

SEP 9 1997

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERABURE BIMIT ANNUAL COMPLIANCE CERTIFICATION FORMSile Sources

			·
FACILITY NAME:	en's Cleaners		DATE: <u>8/25/9</u> 7
FACILITY LOCATION:	606 54th	Ave N	7 7
I	St Petersb	urg, FL 3	3703
	<u> </u>		
Annual Reporting Period:A_L	igust 25, 19	96 TO AL	gust 25, 1997
Based on each term or condition of the	ne Title V general air permit, my fa	acility has remained in cor	npliance with DEP Rule
62-213.300, Florida Administrative (Code (F.A.C.), during the period co	overed by this statement.	□YES ØNO
If NO, complete the following:	·		
#1. Term or condition of the general	permit that has not been in continu	uous compliance during th	ne reporting period stated above:
Did not meas	sure and reco	ord theor	itlet temperatu
Exact period of non-compliance: fkg	m August 2	5, 1996 to AL	19 ust 25, 1997
Action(s) taken to achieve compliance			nt a monitoring?
Method used to demonstrate complian	nce: temperati	Measure ar	kly basis. Insta
#2. Term or condition of the general	Sencor Ser	rated condi- rsor must be de uous compliance during th	stoned for accuracy of \$7.04
			ontaining was
in tightly Se Exact period of Hon-compliance: from	ealed contained	1696 to A	
Action(s) taken to achieve compliance		1	c-containing w
Method used to demonstrate complian	in tightly	sealed co	ntainers.
į.			
As the responsible official, I hereby c	earlify based on information and by	alial formed after reasons	his inquire, that the statements
made in this notification are true, accupying and the subject of purchase recovers for transfer or combination facilities.	curate and complete. Further, my c ceipts, does not exceed 2,100 gallo	annual consumption of per	chloroethylene solvent, based
RESPONSIBLE OFFICIAL: K	Name (Please Print)	Signature	8/25/57 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#: 1030302

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

		`	
FACILITY NAME: Ken's (Cleaners		DATE: 8/25/97
FACILITY LOCATION:1506 5	54th Ave	N	, , , , , , , , , , , , , , , , , , , ,
St Pe	tersburg,	FL 33703	3
Annual Reporting Period: August	25, 1996 7	o Augu	st 25, 1997
Based on each term or condition of the Title V gene 62-213.300, Florida Administrative Code (F.A.C.), 6			~
If NO, complete the following:			
#1. Term or condition of the general permit that has			
Did not men sure in the Byhaust str Exact period of non-compliance: from	and reco ean from the August 25, pg	rd Derc ne reclaimer 16 to Augu	concentration on a weekly k
Action(s) taken to achieve compliance:	stall a sam	polina pad	t on the
Method used to demonstrate compliance:	hon adsorbe	com any be	8 duct diame ad contraction duct diameter
#2. Term or condition of the general permit that has	not been in continuous con	contraction of the reportion	auct diameter orexpansion. ing period stated above:
Exact period of non-compliance: from	:	totoREC	EIVED
Action(s) taken to achieve compliance:	· · · · · · · · · · · · · · · · · · ·	SE	9 1997
Method used to demonstrate compliance:	· · · · · · · · · · · · · · · · · · ·	Bureau & M	of Air Monitoring
As the responsible official, I hereby certify, based on made in this notification are true, accurate and comp upon rolling averages of purchase receipts, does not year for transfer or combination facilities.	olete. Further, my annual c	onsumption of perchloroe	thylene solvent, based
RESPONSIBLE OFFICIAL: Kurt Scha	se Print)	Signature	8/25/97 Date

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

AIRS ID#: 1030302

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	Ken's	Clean	ег		_DATE: _	7/22/98
FACILITY LOCATION:	1506	54th A	se. N#	6		
	St. F	etersbu	COJ FL	_ 3370)3	
Annual Reporting Period:		19	TO	July ?	22,	19 98
Based on each term or condition of	the Title V gener	al air permit, my fa	cility has remain	ned in compliance	e with DEF	'Rule
62-213.300, Florida Administrative	Code (F.A.C.), c	luring the period co	vered by this sta	tement. YE	is l	ОиО
If NO, complete the following:					^	
#1. Term or condition of the gener	al permit that has	not been in contin	ious compliance	during the repor	Tugs period	stated above:
Exact period of non-compliance: fr	om		to	CLIA TO	6	1
Action(s) taken to achieve complian	nce:			Mos Ri	S Is	6
Method used to demonstrate compli	iance:			·	On Constant	
WA			,,		· %	
#2. Term or condition of the gener	al permit that has	not been in conun	ious compilance	during the repor	ung penod	stated above:
Exact period of non-compliance: fr	rom		to			
Action(s) taken to achieve complian	nce.					
1						
Method used to demonstrate compli	rance:					
As the responsible official, I hereby made in this notification are true, a upon rolling averages of purchase tyear for transfer or combination fac	receipts, does not cilities.	plete. Further, my exceed 2,100 gallo	annual consump	tion of perchloro	ethylene so	olvent, based
RESPONSIBLE OFFICIAL:	Name (Plea	curvedic se Print)	\ Jux	Signature		+/22/98 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 IS	COMPLAINT/DISCOVERY RE-INSPECTION
TIME IN: 9:40 a.m. TIME OUT:	10:45 a.m. AIRS ID# 1030302 001
TYPE OF FACILITY: Perchloroethyle	ne Dry Cleaner
FACILITY NAME: Ken's Cleaners	DATE: August 25, 1997
FACILITY LOCATION: 1506 54th Ave.	North, #6, St. Petersburg, FL 33703
RESPONSIBLE OFFICIAL: Kurt Schroeder	PHONE NUMBER: 525-1074
to be in compliance with DEP Rule 62-213	direments evaluated during this inspection, the facility is found .300, Florida Administrative Code (F.A.C.). Direments evaluated during this inspection, the following FOLLOW-UP ACTION REQUIRED
Monthly purchase records were not maintained as a twelve month rolling average.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a twelve month rolling average.
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.
Did not measure and record perc concentration in the exhaust stream from the reclaimer on a weekly basis.	Install a sampling port on the carbon adsorber at least 8 duct diameters downstream from any bend, contraction or expansion; at least 2 duct diameters upstream from any bend, contraction or expansion.
Comments: Facility is designated as an existing large area soun	rce and shall monitor perc concentrations on a weekly basis.
The Annual Compliance Certification form has been proper DATE OF NEXT INSPECTION:	September 9, 1997 (Approximate)
INSPECTION CONDUCTED BY:	Jeff Morris (Please Print)
INSPECTOR'S SIGNATURE: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MUS PHONE NUMBER: 464-4422

Page 1 of 1

Revised 10/96

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTIO		COMPLAINT/DI	SCOVERY	а		
AIRS 10#: 1030302	TIME	in: 9:40	a.m. TIME OU	T: 10:4	45pm.		
FACILITY NAME:					·		
FACILITY LOCATION:	1506	54th	AveN		· .		
			urg, FL 3	3703			
PART I: NOTIFICATION							
(check appropriate box)		_					
Existing facility notified DARM	1 by 9/1/96 *				M		
2. New facility notified DARM 30	•	rtup					
3. Facility failed to notify DARM							
		Companya San Cara San San San San San San San San San Sa					
PART II: CLASSIFICATION							
Facility indicated on notification (check appropriate box)	form that it is:						
Α.		•			ł		
Existing small area source dry-to-dry only, x<140 gal/yr	Ø	2. New small		α.			
transfer only, x<200 gal/yr		transfer only,	v, x<140 gal/yr x<200 gal/yr				
both types, x<140 gal/yr (constructed before 12/9/91)		both types, x<1	140 gal/yr 1 or after 12/9/91)				
3. Existing large area source dry-to-dry only, 140 <x<2, (constructed="" 100="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" gal="" only,="" td="" transfer="" types,="" yr=""><td>gal/ут /vт</td><td>transfer only, 2 both types, 140</td><td>arca source y, 140<x<2, 100="" gal="" y<br="">200<x<1,800 gal="" yr<br="">0<x<1,800 gal="" yr<br="">n or after 12/9/91)</x<1,800></x<1,800></x<2,></td><td>ı.</td><td>. •</td></x<2,>	gal/ут /vт	transfer only, 2 both types, 140	arca source y, 140 <x<2, 100="" gal="" y<br="">200<x<1,800 gal="" yr<br="">0<x<1,800 gal="" yr<br="">n or after 12/9/91)</x<1,800></x<1,800></x<2,>	ı.	. •		
This is a correct facility classifica	tion	OY ON					
If no, please check the appropriate	classification:		_	•			
facility qualified	s Tøf a general peri	mit as number s not eligible for	3 SOMabove a general permit				
B. The total quantity of perchloro	3. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning						

PART III: GENERAL CONTROL REQUIREMENTS	
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	
1. Storing perchloroethylene in tightly sealed and impervious containers?	בוא פא
2. Examining the containers for leakage?	DY ON
3. Closing and securing machine doors except during loading/unloading?	OY ON
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	OY ON
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON DAVIA
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 refri (complete A below).	gerated condenser
If classification 3 has been checked, the machine should be equipped with either condenser or a carbon adsorber (complete A and B below). Carbon adsorber musinstalled prior to September 22, 1993	
If classification 4 has been checked, the machine should be equipped with a refrigered (complete A and B below).	gerated condenser
A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) (No refrigerated condense	در) _/ .
1. Equipped all machines with the appropriate vent controls?	GY ON
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	DY ON ON/A
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? (NOSTECIAIMET)	DY DN DNIA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	DY DA NA
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	DY ON
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?	MY ON
3. 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?

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12.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	ΩY		N/A
	Is the temperature differential equal to or greater than 20° F?	ΠY	\	NA
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?			
	Is the perc concentration equal to or less than 100 ppm?	□Y·	EN.	A\N
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction, or expansion; and downstream from no other inlet?	Cent OY	rati	6n)
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΟY	ΠN	EN/A
6.	Routed airflow to the carbon adsorber (if used) at all times?	ØΥ	ПN	□N/A
ם	APT V. Proprierance province			
~	ART V: RECORDKEEPING REQUIREMENTS			
(c)	as the responsible official: neck appropriate boxes)			
1.	Maintained receipts for perc purchased?	ĽΥ	ПΝ	
2.	Maintained rolling monthly averages of perc consumption?	ΠY	Ми	
3.	Maintained leak detection inspection and repair reports for the following:			
	a. documentation of leaks repaired w/in 24 hrs? or;	ΠY	(AZE)	
	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		
4.	Maintained calibration data? (for direct reading instruments only)	ΠY	ПΝ	DN/A
5.	Maintained exhaust duct monitoring data on perc concentrations?	ΠY	ПΝ	N/A
6.	Maintained startup/shutdown/malfunction plan?	ΣÝ	ПΝ	
7.	Maintained deviation reports?	ØΥ	ПΝ	
	. Problem corrected?	ΟY	ŪN	
8.	Maintained compliance plan, if applicable?	ΠY	ПИ	MN/A
-				
	RT VI: LEAK DETECTION AND REPAIRS			
	Does the responsible official conduct a weekly leak detection and repair inspection?	ZVY	ПΝ	
2.	Which method of detection is used by the responsible official?	. /		
	Visual examination (condensed solvent on exterior surfaces)	Ø		
	Physical detection (airflow felt through gaskets)	Ø		·
	Odor (noticeable perc odor)	囡		

If using direct-reading instrumentation, is the equipment:							
a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm? DY ON							
b. Calibrated against a standard gas prior to and after each use							
(PID/FID only)?		אכ					
c. Inspected for leaks and	d obvious	stights of wear or	ı a weekly basis?		NE		
d. Kept in a clean and se	cure area	a when not in use	?		JN		
e. Verified for accuracy	by use of	duplicate sample	es (calorimetric only)?		ЙC		
3. Has the facility maintained a leak log?				OY S	3/1		
4. The following areas should be checked:	for leaks	by the inspector:					
		etected?		Leak D	etected?		
Hose connections, fittings,		/	. 0				
couplings, and valves	ΩX	ΘŃ	Muck cookers	ΩY	MA		
Door gaskets and seating	ΩY	DAY .	Stills	ΩY	DAVI .		
Filter gaskets and scating	ΠY	ØN.	Exhaust dampers	ΠY	MN		
Pumps	OV		Diverter valves	DV	DAT.		
Fumps	OY.	ØN.	Diverier valves	ΩY	™		
Solvent tanks and containers	ΠY	M	Cartridge filter housings	ΠY	ŪΝ		
Water separators	ΩY	ΩŃ					
		**************************************	***************************************				

_Kurt Scl	hroeder
Name of Responsit	ole Official
Jeff	Morris
Inspector's Name (P	
	Ala

S 25 97

Date of Inspection

9 8 97

Approximate Date of Next Inspection

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ADDITIONAL SITE INFORMATION:

Permac 308 Capacity \$6165 Serial #1228/7605 Order # 5240

- Facility Considered an existing large area source.
- Facility has retained a reclaimer carbon adsorber as its control device. Facility does not have a refrigerated condenser on machine.
 - No rolling monthly average
 - No leak log
 - No refrigerated condenser. Will need condenser, gauge (temp. sensor),

 specs about sensor pm
- No tightly contained scaled container
 - American boiler Co. 25HP Notural Gas

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

	-		
FACILITY NAME:	K	en's Cleaners	DATE: 1/14/99
FACILITY LOCATION:	1506	en's Cleaners 54th Aven #6	
		Petersburg, Fl	•
Annual Reporting Period:	July	22, 1998 TO	January 14, 1999
		general air permit, my facility has remandC.), during the period covered by this s	
If NO, complete the following:			
#1. Term or condition of the go	eneral permit th	nat has not been in continuous compliand	ce during the reporting period stated above:
Event resid of the compliance			
Exact period of non-compliance	: Irom		
Action(s) taken to achieve comp	oliance:		
Method used to demonstrate con	mpliance:		
#2. Term or condition of the ge	neral permit th	at has not been in continuous compliance	te during the reporting period stated above:
		· · · · · · · · · · · · · · · · · · ·	
Exact period of non-compliance	: from	to	
Action(s) taken to achieve comp	oliance:		
Method used to demonstrate cor	npliance:		
made in this notification are tru	e, accurate and use receipts, do a facilities.	d complete. Further, my annual consum	Ter reasonable inquiry, that the statements ption of perchloroethylene solvent, based dry-to dry facilities or 1,800 gallons per

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

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION: ANNUAL GOMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: FACILITY	1030302 001 DATE: 1/14/99 TIME IN: 11:350 ATIME OUT: 11:560 A
FACILITY	LOCATION: 1506 54th Ave. North, #6
	St. Petersburg, FL, 33703
RESPONSI	IBLE OFFICIAL: Kurt Schroeder Phone No.: 525-1074
Perm	it No1030302-001-AG Exp. Date:09/03/2001
	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 <u>discrepancies</u> 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.						
	Comments:							
		actions are required, you must take immediate corrective perform a follow-up inspection to determine that proper						
	Inspection Conducted by: Jeffrey Morris	· .						
	Inspector's Signature:	mus						
	Phone Number: 464/4422							

Page 2 of 2

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	RE-INSPECTION		OMPLAINT/DISC	OVERY 🖵	
AIRS ID#: <u>1030302 001</u> FACILITY NAME:	DATE:/ Ken's Clean	•		_{ბտ} TIME OUT: <u> </u>	
FACILITY LOCATION:	1506_54th Ave	e. North, #6			
	St. Petersburg	, FL, 33703			
RESPONSIBLE OFFICIA	L:Kurt Schroede	er	1	PHONE: _525-1074	
CONTACT:				PHONE:	
PART I: NOTIFICATION	T				
(Check appropriate box)					
1. Existing facility notified	DARM By 9/1/96				
2. New facility notified DA	RM 30 days prior to	startup			
3. Facility failed to notify D	ARM to use general	permit	•		
PART II: CLASSIFICAT	ON				
Facility indicated on notification (Check appropriate box)	ation form that it is:		No notification fo Drop store / out of	rm f business / petroleum	ı
A. 1. Existing small area dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before	source 10 gal/yr gal/yr l/yr 12/9/91)	2.	New small area s dry-to-dry only, x transfer only, x<2 both types, x<140 (Constructed on o	ource <140 gal/yr 00 gal/yr gal/yr r after 12/9/91)	
3. Existing large area s 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 s dry-to-dry only, 1 transfer only, 200 both types, 140 x (Constructed on o	ource 40 <x<2,100 gal="" yr<br=""><x<1,800 gal="" yr<br=""><1,800 gal/yr or after 12/9/91)</x<1,800></x<2,100>	
This is a correct facility class	ssification:	□N □ Ca	n not determine		
If no, please check the a facility qualified facility exceeds a	for a general permit	as number			
B. The total quantity of perfacility was30	•	e) purchased v	ithin the preceding	g 12 months by this di	ry cleaning

PART III: GENERAL CONTROL REQUIREMENTS									
Is the responsible official of the dry cleaning facility: (check appropriate boxes)		<u>-</u>							
Storing perchloroethylene in tightly sealed and impervious containers?	Y	ПN	□ NA						
2. Examining the containers for leakage?	Y	ПN	□ NA						
3. Closing and securing machine doors except during loading/unloading?	Y	ПΝ							
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?	ΩY	ŪΝ	☑ NA						
PART IV: PROCESS VENT CONTROLS	=								
In Part II-A:									
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.								
If classification (2) has been checked, the machine should be equipped with a (complete A below)	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 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	□N							
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	ПN	□NA						
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	ΩY	□N	□NA						
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	ΩY	□N							
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	□ Y ,	ΠN	□ NA						
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	ПN							

B.	Has the responsible official of an existing large or new large area source also:	
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	DY 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?	□Y □N □NA □Y □N □NA
	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	□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?	OY ON ONA
	· · · · · · · · · · · · · · · · · · ·	
P	ART V: RECORDKEEPING REQUIREMENTS	GI GN GNA
-		
H (c	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	
H (c)	as the responsible official: heck appropriate boxes)	✓ _Y □N
H (c. 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	
H (c. 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	✓ _Y □N
H (c. 1. 2.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	Y ON
H (c) 1. 2. 3.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	
H (c) 1. 2. 3.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	DY ON ONA
H (c) 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?	
H (c. 1. 2. 3. 4. 5.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	DY ON ONA OY ON ONA OY ON ONA OY ON ONA
H (c. 1. 2. 3. 4. 5.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	Y ON YNA OY ON YNA OY ON YNA OY ON YNA OY ON YNA

PA	ART VI: LEAK DETECTIO	N AN	D REI	PAIRS				
1.	Does the responsible official c inspection?	onduct	t a wee	ekly (for	small sources, bi-weekly) lea	k detect		
2.	Has the facility maintained a le	eak log	g?			☑ Y		
3.	. Does the responsible official check the following areas for leaks:							
	Hose connections, fitting couplings, and valves	⊠ Y	□N	□NA	Muck cookers	□Y	ON ONA	
	Door gaskets and seating	₽Y	□N	□NA	Stills	⊻ Y	□n □na	
	Filter gaskets and seating	☑Y	ΠN	·□NA	Exhaust dampers	ΞY	□n Mina	
	Pumps	✓Y	□N	□NA	Diverter valves	Пy	ON ONA	
	Solvent tanks and containers	✓Y	ΠN	□NA	Cartridge Filter housing	ĭ✓Y	□n □na	
	Water separators	$\mathbf{\Xi}_{\mathbf{Y}}$	ΠN	□NA				
4.	Physical detection Odor (noticeable p Use of direct-readi Halogen leak detec	n (cond (airflo erc ode ng inst	densed w felt or) trumen	solvent through ntation (F	of exterior surfaces) gaskets) TID/PID/calorimetric tubes)		विविव ।	
	If using direct-reading instru			<i>↑</i>				
	-	_	,	171	ns in a range of 0-500 ppm.		UY UN	
				1-17	fter each use (PID/FID only).	,		
	c. Inspected for leaks and c	byious	ssigns	of wear	on a weekly basis?		LY LN	
	d. Kept in a clean and seco	ure are	a when	n plot in u	ise.		□Y □N	
	e. Verified for accuracy by	use of	duplic	cate samp	oles (calorimetric only)?		□Y □N	
	e. Verified for accuracy by use of duplicate samples (calorimetric only)? Inspector's Name (Please Print) Inspector's Signature Approximate Date of Next Inspection							

FACILITY DETAILS:		
FACILITY NAME: Ken's Cleaners		
Dry Cleaning Machine #1:		
Manufacturer Platinum by Italiclean Capacity 35 lbs		
Manufacturer Platinum by Italiclean Capacity 35 lbs Model# MC16 Serial# 1329124 Mfg yr 10/89		
Dry Cleaning Machine #2:		
Manufacturer lbs		
Model# Serial# Mfg yr		
Boiler:		
Manufacturer <u>Industrial Boiler Co.</u> Hp <u>25</u>		
Model# <u>E101538V Go</u> S Serial# <u>4486</u> Mfg yr <u>1985</u>		
Fuel Type: Natural gas? 🗹 propane? 🗖 fuel oil? 🗖		
Notification (unpermitted sources only): 1. Was the facility assisted in filling out the notification by the inspector? 2. Did the facility insist on filling out its own notification, and will send it to FDEP? Record keeping:	ŪΥ	□N N/A □N N/A
1. Does facility have statement/specs as to the design accuracy of the temperature sensor? (temperature of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy of ±1.1°C)	Y	UNNA
Hazardous Waste:		
 Is all perc. contaminated wastewater either treated of disposed of properly? If wastewater is evaporated, is it an approved system, and using carbon filtration? Does the facility have secondary containment for the dry-dry machine? Does the facility have secondary containment for any perc. waste containers? 	☑Y □Y ☑Y ☑Y	□n N/a □n N/a □n □n
Comments:		

ADDITIONAL SITE INFOR				
Responsible all leak	official check po	demonsta ints.	ted/identificol	
	'			
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		_		_
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TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION: ANNUAL Z COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#:	1030302 001 DATE: 7/02/98 TIME IN: 1000000TIME OUT: 10:152 m
FACILITY	NAME: Ken's Cleaners
FACILITY	LOCATION: 1506 54th Ave. North, #6
,	St. Petersburg, FL, 33703
RESPONSI	BLE OFFICIAL: Kurt Schroeder Shorie No.: 525-1074
Permi	t No. 1030302-001-AG Exp. Date: 09/03/2001
Ū	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 <u>discrepancies</u> 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.				
Comments:					
If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.					
Inspection Conducted by:					
Inspector's Signature:	Maria				
Phone Number: 464-4922 ///					

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION	
AIRS ID#: 1030302 001 DATE: 7/22/98 TIME IN: 1000 M TIME OUT: 10 FACILITY NAME: Ken's Cleaners FACILITY LOCATION: 1506 54th Ave. North, #6 St. Petersburg, FL, 33703 RESPONSIBLE OFFICIAL: Kurt Schroeder CONTACT: Location St. Phone: 525-14	<u></u>
PART I: NOTIFICATION	
(Check appropriate box) 1. Existing facility notified DARM By 9/1/96 2. New facility notified DARM 30 days prior to startup 3. Facility failed to notify DARM to use general permit	
PART II: CLASSIFICATION	=
Facility indicated on notification form that it is: (Check appropriate box) A. 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) 3. Existing large area source dry-to-dry only, 140<0 x<2,100 gal/yr transfer only, 200<0 x<1,800 gal/yr both types, 140<0 x<1,800 gal/yr both types, 140<0 x<1,800 gal/yr (Constructed before 12/9/91) This is a correct facility classification: If no, please check the appropriate classification: If no, please check the appropriate classification: If acility qualified for a general permit as number above If acility 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 facility was gallons.	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?	ĭY	ΠN	□NA			
3. Closing and securing machine doors except during loading/unloading?	ĭY	\square_N				
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?	QΥ	ПN	☑ NA			
	_					
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 either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.						
(complete A and B below.)	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 sou (check appropriate boxes)	rces:					
1. Equipped all machines with the appropriate vent controls?	Y	w □N				
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?	QΥ	□N	□NA			
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	QΥ	ΠN				
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	ΩY	□N	□NA			
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	QΥ	□N				

_				
B.	Has the responsible official of an existing large or new large area source also:			
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ΩY	□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		
	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		
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		NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΩY		NA.
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΩY		NA
P	ART V: RECORDKEEPING REQUIREMENTS			
H (c	as the responsible official: heck appropriate boxes)			
1.	Maintained receipts for perc purchased?	⊈Y	□n	
2.	Maintained rolling monthly averages of perc consumption?	ωv	□N	
3.	Maintained leak detection inspection and repair reports for the following:	/		
	a. documentation of leaks repaired w/in 24 hrs? or;	ΨY		NA
	 b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? 	☑Y		NA ,
4.	Maintained calibration data? (for direct reading instrument only)	$\square_{\mathbf{Y}}$	□N ⊠n	NA
5.	Maintained exhaust duct monitoring data on perc concentrations?	ΠY	\square N \boxtimes n	NA
6.	Maintained startup/shutdown/malfunction plan?	$\mathbf{\nabla}_{\mathbf{Y}}$	□N	,
7.	Maintained deviation reports? (No problems since problems corrected?	\square_{Y}	ON On	ŅA
	Problem corrected? Previous inspection)	\square_{Y}		NA

PA	PART VI: LEAK DETECTION AND REPAIRS							
1.	Does the responsible official of inspection?	conduc	t a wee	ekly (for s	mall sources, bi-weekly) leal	k detect	ion and repair	
2.	Has the facility maintained a	eak log	g? .			$\mathbf{Z}_{\mathbf{Y}}$	□N .	
3.	Does the responsible official of	check tl	he follo	owing are	as for leaks:			
	Hose connections, fitting couplings, and valves	$\mathbf{v}_{\mathbf{Y}}$	□N	□na	Muck cookers	☑Y	□n □na	
	Door gaskets and seating	☑Y	ŪΝ	□NA	Stills	¥Υ	□n □na	
	Filter gaskets and seating	ΨY	\square_{N}	□NA	Exhaust dampers	$\mathbf{\nabla}_{\mathbf{Y}}$	□n □na	
	Pumps	$\mathbf{v}_{\mathbf{Y}}$	□N	□NA	Diverter valves	$\square_{\mathbf{Y}}$	□n □na	
	Solvent tanks and containers	☑ Y	\square_{N}	□NA	Cartridge Filter housing	Y	□n □na	
	Water separators	$\mathbf{\nabla}_{\mathbf{Y}}$	\square_{N}	□NA				
4.	Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector							
	If using direct-reading instrumentation, is the equipment:							
	a Capable of detecting perc vapor concentrations in a range of 0-500 ppm. \[\begin{array}{c} array							
	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	duplic	ate sampl	es (calorimetric only)?		□Y □N	
	Inspector's Name (Please Print) Date of Inspection 2/23/99 Approximate Date of Next Inspection							

FACILITY DETAIL	<u>S:</u>				
FACILITY NAME: Ken's Cleaners	<u> </u>				
Dry Cleaning Machine #1:					
Manufacturer Platinum by Italiclean	_ Capacity <u>35</u> lbs				
Manufacturer Platinum by Italiclean Model# MC16 Serial# 1319124	Mfg yr 10/89				
Dry Cleaning Machine #2:	·				
Manufacturer	_ Capacity lbs				
Model# Serial#	_ Mfg yr				
Boiler:					
Manufacturer <u>Industrial Boiler</u> Inc	_ Hp <u>25</u>				
Model # <u>F1015 3Pv Gas</u> Serial # <u>4486</u>	Mfg yr <u>1985</u> _				
Fuel Type: Natural gas? 🗹 propane? 🖵 fuel oil?	· 🗖				
Notification (unpermitted sources only):					
1. Was the facility assisted in filling out the notification by the inspector?					
2. Did the facility insist on filling out its own notification, an	2. Did the facility insist on filling out its own notification, and will send it to FDEP?				
Record keeping:					
1. Does facility have statement/specs as to the design accuracy of the temperature sensor? □Y □N N/A (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 wastewater either treated or dispo	osed of properly?	$\mathbf{\Delta}_{\mathbf{Y}}$	\square N		
2. If wastewater is evaporated, is it an approved system, and using carbon filtration?					
3. Does the facility have secondary containment for the dry-c		⊻ Y	□N —		
4. Does the facility have secondary containment for any perc	waste containers?	¥Υ	□N		
Comments:					

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

					
FACILITY NAME:	Ken's Cleo	ners		DATE:	7/13/99
FACILITY LOCATION:	1506 54th	Ave. N	#6		
	St. Petersk	oura FL	33703		
Annual Reporting Period:	January 14,	19 <u>99</u> то	B July	713	19 <u>9</u> 9
Based on each term or condition	of the Title V general air permi	t, my facility has re	mained in complian	ce with DE	P Rule
Based on each term or condition 62-213.300, Florida Administrat	ive Code (F.A.C.), during the pe	eriod covered by thi	is statement.	ESM	\square NO
If NO, complete the following:			urces		
#1. Term or condition of the ger	neral permit that has not been in	continuous compli	ance during the repo	orting perio	d stated above:
Exact period of non-compliance:	from		to		
Action(s) taken to achieve compl	iance:				
Method used to demonstrate com	pliance:				
#2. Term or condition of the ger	eral permit that has not been in	continuous compli	ance during the repo	orting period	I stated above:
Exact period of non-compliance:	from		to		
Action(s) taken to achieve compl	iance:				
Method used to demonstrate com	pliance:		· .		<u> </u>
	•				·
As the responsible official, I here made in this notification are true upon rolling averages of purchas year for transfer or combination	, accurate and complete. Further receipts, does not exceed 2,10	er, my annual cons	umption of perchlor	oethylene s	olvent, based
RESPONSIBLE OFFICIAL:	Name (Please Print)	Kurt	Schoelle Signature		7/13/99 Date

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

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	ISPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION				
	1030302 001 DATE: 7/13/99 TIME IN: 1040a TIME OUT: 1047ρ.m.				
FACILITY	NAME: Ken's Cleaners				
FACILITY	LOCATION: 1506 54th Ave. North, #6				
	St. Petersburg, FL, 33703				
RESPONS	RESPONSIBLE OFFICIAL: Kurt Schroeder Phone No.: 525-1074				
Perm	Permit No. 1030302-001-AG Exp. Date: 09/03/2001				
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				

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:	· · · · · · · · · · · · · · · · · · ·
	nctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by: Jeffrey Morris	·
Inspector's Signature:	MAA .
Phone Number: 464-4422	

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION	/
AIRS ID#: 1030302 001 DATE: 7/13/99 TIME IN: 11:400 TIME OUT: 1 FACILITY NAME: Ken's Cleaners	
FACILITY LOCATION: 1506 54th Ave. North, #6	
St. Petersburg, FL, 33703	
RESPONSIBLE OFFICIAL:Kurt Schroeder PHONE: _525-1074_	
CONTACT: PHONE:	
PART I: NOTIFICATION	
(Check appropriate box)	
1. Existing facility notified DARM By 9/1/96	ব্
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 facility was gallons.	y cleaning

PA	RT III: GENERAL CONTROL REQUIREMENTS				
	he responsible official of the dry cleaning facility: eck appropriate boxes)		,		-
1.	Storing perchloroethylene in tightly sealed and impervious containers?	⊈ Y	□N	□ NA	
2.	Examining the containers for leakage?	⊈ Y	ΠN	□ NA	
3.	Closing and securing machine doors except during loading/unloading?	₫ Y	□N		
4.	Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y	□N	□NA	
5.	Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□Y	□N	☑ NA	
PA	RT IV: PROCESS VENT CONTROLS		·		
In	Part II-A:		•	العوار	
	If classification (1) has been checked, no controls are required. Proceed to Pa	art V.	in the second of		
	If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated cor	ndenser	
	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	efrigerat ive been	ed	
	If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	ndenser	
A.	Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:	٠.		
1.	Equipped all machines with the appropriate vent controls?	☐ Y	□N		
2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	□N	☐ NA	
3.	Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	☐ Y	□ N	□NA	
4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	☐ Y	□N		
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	Y	□·N	□NA	
6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	☐ Y	ΠN		
1	:				

PA	ART VI: LEAK DETECTIO	N ANI	D REF	PAIRS	-			
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	<u>;</u> ?			□Y .[□N	
3.	Does the responsible official c	heck th	ne follo	owing are	as for leaks:	•		
	Hose connections, fitting couplings, and valves	⊻ Y	□N	□NA	Muck cookers	□Y 〔	IN ZNA	
	Door gaskets and seating	☑ Y	\square_N	□NA	Stills		⊒n □na	
	Filter gaskets and seating	¥Υ	ΠN	□NA	Exhaust dampers	□Y 〔	IN MA	
	Pumps	¥Y	□N	□NA ·	Diverter valves	□Y	IN DINA	
	Solvent tanks and containers	2 Y	\square_{N}	□NA	Cartridge Filter housing	ØY (DINA □INA	
	Water separators	I Y	\square_{N}	□NA				
4.	4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector If using direct-reading instrumentation, is the equipment:							
	a Capable of detecting pe	erc vap	or con	¢entration	s in a range of 0-500 ppm.		DY □N	
	b. Calibrated against a stan	ıdard ga	as phio	r to and af	ter each use(PID/FID only).		DY DΝ	,
	c. Inspected for leaks and	obvious	signs	of wear or	a weekly basis?	C	Y UN	
	d. Kept in a clean and second	ure are	a wher	not in us	e. '		Y UN	
	e. Verified for accuracy by	use of	duplic	ate sample	es (calorimetric only)?		Y UN	
	Inspector's Name (Please Print) Date of Inspection Inspector's Signature Approximate Date of Next Inspection							

B.	Has the responsible official of an existing large or new large area source also:	
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	OY 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
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	Oy On Ona
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 □ŅĄ
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	Y ON ONA
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: neck appropriate boxes)	
1.	Maintained receipts for perc purchased?	□Y □N
2.	Maintained rolling monthly averages of perc consumption?	, My ON
3.	Maintained leak detection inspection and repair reports for the following:	· ,441 -4414
	a. documentation of leaks repaired w/in 24 hrs? or;	□y □n ☑na
	b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	OY ON WA
4.	Maintained calibration data? (for direct reading instrument only)	Diy Din Dina
5.	Maintained exhaust duct monitoring data on perc concentrations?	DY DN MA
6.	Maintained startup/shutdown/malfunction plan?	ØY □N
7.	Maintained deviation reports?	DY DN MA
	Problem corrected?	DY DN MŅA
0	Maintained compliance plan, if applicable?	

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

	E-INSPECTION	B	OWITEAIN I/DISCOV	LRI u	
	en's Cle 506 54 St Peter (urt Sci	aners th Ai thur hroedor	ie N Su	ite#5 3703 5-1074	<u>a</u>
PART I: NOTIFICATION					
(check appropriate box) 1. New facility notified DARM 30 day 2. Facility failed to notify DARM to use				0	
PART II: CLASSIFICATION					
Facility indicated on notification for (check appropriate box) 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. Ne dry-to transfe both t		140 gal/yr 00 gal/yr gal/yr	siness/petroleum	
 3. Existing large area source dry-to-dry only, 140 ≤ x ≤ 2,100 gat transfer only, 200 ≤ x ≤ 1,800 gal/yr both types, 140 ≤ x ≤ 1,800 gal/yr (constructed before 12/9/91) 5. This is a correct facility classific 	al/yr dry-to yr transfi both ty (const	er only, 200 ≤ ypes, 140 ≤ x ructed on or a	$\le x \le 2,100 \text{ gal/yr}$ $x \le 1,800 \text{ gal/yr}$ $\le 1,800 \text{ gal/yr}$		
	lified for a general pe ceds above limits and	is not cligible	for a general permit	y this dry cleanir	ng

PART III: GENERAL CONTROL REQUIREMENTS	
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	,
1. Storing perchloroethylene in tightly scaled and impervious containers?	MY ON ON/A
2. Examining the containers for leakage?	MY ON ON/A
3. Closing and securing machine doors except during loading/unloading?	rá a ⊡n
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y ON ON/A
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON EIN/A
PART IV: PROCESS VENT CONTROLS	
In Part II-A:	,
If classification 1 has been checked, no controls are required. Proceed to Part V	· · · .
If classification 2 has been checked, the machine should be equipped with a refr (complete A below).	igerated condenser
If classification 3 has been checked, the machine should be equipped with either condenser or a carbon adsorber (complete A and B below). Carbon adsorber mu installed prior to September 22, 1993	
If classification 4 has been checked, the machine should be equipped with a refr (complete A and B below).	igerated condenser
A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)	
1. Equipped all machines with the appropriate vent controls?	⊠ Y □N
Equipped dry-to-dry machines with a closed-loop vapor venting system?	DY ON ON/A
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? (has reclaimer)	OY ON BANA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	OY ON NA
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	ANO NO YAR
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? (Facility Kos reclaimer but will be remo	Wed by 12/15
(see back page)	ı

B.	. Has the responsible official of an existing large or new large area source also:	
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	DY ON N/A
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	CY ON DAYA
	Is the temperature differential equal to or greater than 20° F?	אואס אם עם
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? (See book page) Is the perc concentration equal to or less than 100 ppm?	OY ON MINIA
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction, or expansion; and downstream from no other inlet?	OY ©M • MON/A
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	םע טוע מאים
6.	Routed airflow to the carbon adsorber (if used) at all times?	DY DN MIN/A
PA	ART V: RECORDKEEPING REQUIREMENTS	
	as the responsible official: heck appropriate boxes)	
1.	Maintained receipts for perc purchased?	MY ON
2.	Maintained rolling monthly averages of perc consumption?	ØY □N
3.	Maintained leak detection inspection and repair reports for the following:	
	a. documentation of leaks repaired w/in 24 hrs? or;	MY ON ON/A
	b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	DAY ON ON/A

DY DN DYNA

DY DN DN/A

DY DN DN/A

DY ON ONJA

DY ON DYNA

MA DN

4. Maintained calibration data? (for applicable direct reading instruments)

6. Maintained startup/shutdown/malfunction plan?

8. Maintained compliance plan, if applicable?

7. Maintained deviation reports?

Problem corrected?

5. Maintained exhaust duct monitoring data on perc concentrations?

PA	PART VI: LEAK DETECTION AND REPAIRS					
1.	Does the responsible official conduct a	weekly (for small sources,	bi-weekly) leak detection as	nd repair		
	inspection?			MY ON		
2.	Has the facility maintained a leak log?			MA ON		
3.	Does the responsible official check the	following areas for leaks?		j		
	Hose connections, fittings, couplings, and valves	MY ON ON/A	Muck cookers	DY ON ON/A		
	Door gaskets and seating	MY ON ON/A	Stills	DY ON ON/A		
	Filter gaskets and seating	DY ON ON/A	Exhaust dampers	QY ON ON/A		
	Pumps	MY ON ON/A	Divorter valves	DY DN DN/A		
	Solvent tanks and containers	DY ON ON/A	Cartridge filter housings	DY ON ON/A		
	Water separators	BY ON ON/A		·		
4.	Which method of detection is used by	the responsible official?		· :		
	Visual examination (condensed s	solvent on exterior surfaces)	\(\sigma'\)		
	Physical detection (airflow felt th	rough gaskets)				
	Odor (noticeable perc odor)			S		
	Use of direct-reading instrument	ation (FID/PID/calorimetri	c tubes)	G G		
	Halogen leak detector					
	If using direct-reading instr	rumentation, is the equipr	ment:	□N/A		
	a. Capable of detecting	perc vapor concentrations	in a range of 0-500 ppm?	DY DN		
	b. Calibrated against a (PID/FID only)?	standard gas prior to and a	fter each use	DY DN		
	c. Inspected for leaks as	nd obvious signs of wear or	a weekly basis?	מם עם		
	d. Kept in a clean and s	secure area when not in use	?	DY DN		
	e. Verified for accuracy	by use of duplicate sample	es (calorimetric only)?	מם עם		
	Jeff Ma	CC12	10/2	1/97		
	Inspector's Name Please Pri	nt)	Date of Inspe	ction		
	4/15/98					
	Inspection's Signature		Approximate pate of I	ext Inspection		

ADDITIONAL SITE INFORMATION:

- -Facility plans to take out the Permac 308 with carbon absorber and replacing it with a Forenta 3816 machine
- Both Suprema and Permac will be removed withing by Dec 15th

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL	COMPLAINT/DISCOVERY	RE-II	NSPECTION D
TIME IN: 9:30 a.m.	TIME	OUT: 10:20 a.m.	AIRS ID#	1030302 001
TYPE OF FACILITY:	Perchloroethyler	ne Dry Cleaner		
FACILITY NAME:	Ken's Cleaners	DATE:	October 31,	1997
FACILITY LOCATION:	1506 54th Ave. l	North, #6, St. Petersburg,	FL 33703	
RESPONSIBLE OFFICIA	L: Kurt Schroedei	PHONE	NUMBER:(8	13) 525-1074
to be in compliance v	vith DEP Rule 62-213 of the compliance requi	rements evaluated during this 300, Florida Administrative C irements evaluated during this	Code (F.A.C.).	-
Comments: Facility will remove both the 1990) will be installed	e Suprema and Permac	machines by December 15th.	A Forenta m	achine (mfg yr:
1.				
The Annual Compliance Certificate DATE OF NEXT INSPECTIO		certified and submitted to the inspection of the control of the co	ector. Yes	☑ No □
INSPECTION CONDUCTED	BY:	Jeff Mor	rīs	
INICOECTOD'S SIGNATIDE		DHONE NI IMPE	D. 41.42	4477

Page ___ ofl__

Revised 10/96

NEW_SUM.DOC

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL	☑ COMPLAINT/DISC	COVERY 🚨	RE-INSPECTION	<u> </u>
AIRS ID#:	1030302 001	DATE	: 7/12/98 TIM	IE IN: 10:00c	LOTIME OUT: 10?	D Hann
FACILITY	NAME:	Ken's	Cleaners		Bure	\bigcirc
FACILITY	LOCATION:	1506 5	4th Ave. North, #6		& Mod C	
		St. Pete	ersburg, FL, 33703		Dile S T	
RESPONSI	BLE OFFICIA	L: Kurt Sc	hroeder	Phone N	No.: 525-10748 5	
Permi	it No. <u>1030302-00</u>	01-AG	Exp. Date: 09/03/2001		NB	
√			liance requirements evaluate 13.300, Florida Administrati			l to be in
		-	oliance requirements evaluate items which are checked):	d during this insp	ection, the following com	pliance

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:	
		actions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
	Inspection Conducted by:	
	Inspector's Signature:	Maria
	Phone Number: 464-4522	

	NNUAL E-INSPECTION		OMPLAIN I/D	ISCOVERY 🖵	
AIRS ID#: 1030302 001 FACILITY NAME: FACILITY LOCATION:	DATE:	ers . North, #6	TIME IN: 04)റ്റ _{റ്റ} ് TIME OUT:	10:15am
RESPONSIBLE OFFICIAL:	Kurt Schroeder	•		PHONE: _525-10	74
CONTACT:	Kurt S	Schroet	dec_	PHONE: 525	5-1074
PART I: NOTIFICATION				·	
 (Check appropriate box) Existing facility notified DA New facility notified DARN Facility failed to notify DAF 	1 30 days prior to s	_			
PART II: CLASSIFICATION	1				
Facility indicated on notification (Check appropriate box) A. 1. Existing small area soundry-to-dry only, x<140 getransfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9) 3. Existing large area soundry-to-dry only, 140 < x < transfer only, 200 < x < 1,8 both types, 140 < x < 1,800 (Constructed before 12/9) This is a correct facility classification of the second shown in facility qualified for facility exceeds above	rce al/yr (yr (yr (yr (yr (yr (yr (yr (yr (yr (2. 4. ion: s number t eligible for a	New small are dry-to-dry only transfer only, so both types, x < (Constructed of the constructed of the const	ea source y, x<140 gal/yr x<200 gal/yr 140 gal/yr 140 gal/yr on or after 12/9/91) ea source y, 140 <x<2,100 0<x<1,800="" 12="" 200<x<1,800="" 9="" 91)<="" after="" gal="" on="" or="" td="" yr=""><td>ם r</td></x<2,100>	ם r
B. The total quantity of perchl facility was 60 ga	oroethylene (perc) allons.) purchased w	ithin the prece	ling 12 months by thi	s 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	$\square^{\dot{N}}$	□NA
2. Examining the containers for leakage?	⊠ Y-	□N	□NA
3. Closing and securing machine doors except during loading/unloading?	☑ Y	\square N	
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	$\mathbf{v}_{\mathbf{Y}}$	ПΝ	□NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	QΥ	ПN	☑ NA
THE THE THE THE CONTROL OF			
PART IV: PROCESS VENT CONTROLS			
In Part II-A:			
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated cond	denser
If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a must h	refrigerate ave been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	denser
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		
1. Equipped all machines with the appropriate vent controls?	Y	M □ N	
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?	QΥ	ПN	□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	ŪΝ	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	QΥ	ΠN	

B. Has the responsible official of an existing large or new large area source al	so:
Measured and recorded the exhaust temperature on the outlet side of the conder located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	nser
2. Measured and recorded the washer exhaust temperature at the condenser inlet a outlet weekly? Is the temperature differential equal to or greater than 20° F?	UY UN UNA
3. Measured and recorded the perc concentration in the exhaust stream weekly at end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	OY ON ONA
4. Assured that the sampling port on the carbon adsorber exhaust for measuring p concentrations is at least 8 duct diameters downstream of any bend, contraction expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	ı, or
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□y □n □na
6. Routed airflow to the carbon adsorber (if used) at all times?	□Y □N □NA
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official: (check appropriate boxes)	
1. Maintained receipts for perc purchased?	⊠y □n
2. Maintained rolling monthly averages of perc consumption?	⊠y □n
3. Maintained leak detection inspection and repair reports for the following:	y i un
a. documentation of leaks repaired w/in 24 hrs? or;	☑Y □N □NA
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	☑Y □N □NA
4. Maintained calibration data? (for direct reading instrument only)	□y □n <u>M</u> na
5. Maintained exhaust duct monitoring data on perc concentrations?	□y □n Øna
6. Maintained startup/shutdown/malfunction plan?	ØY □N
7. Maintained deviation reports? (No problems since Problem corrected? Previous inspection) Dy On Vina
8. Maintained compliance plan, if applicable?	

PA	RT VI: LEAK DETECTIO	N ANI	D REF	PAIRS			
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 le	eak log	g?			ΔY	\square_{N}
3.	Does the responsible official c	heck tl	ne follo	owing areas	for leaks:		·
	Hose connections, fitting couplings, and valves	✓Y	ΠN	□NA	Muck cookers	☑ Y	□n □na
	Door gaskets and seating	☑Y	□N	□NA	Stills	U Y	□n □na
].	Filter gaskets and seating	ΖY	□N	□NA	Exhaust dampers	ØY	□n □na
	Pumps	Y	\square N	□NA	Diverter valves	□ Y	□n □na
	Solvent tanks and containers	☑ y	ΠN	□NA	Cartridge Filter housing	Y	□n □na
	Water separators	ŬY	□N	□NA			
4.	4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector						
	If using direct-reading instru	ıment	ation,	is the equi	pment:		
	a Capable of detecting pe	rc vap	or con	centrations	in a range of 0-500 ppm.		UY UN
	b. Calibrated against a stan	dard g	as prijo	r to and afte	reach use(PID/FID only).		□Y □N
	c. Inspected for leaks and c)bviou:	s signs	of wear on	a weekly basis?		□Y □N
	d. Kept in a clean and seco	ure are	a whe	n not in use	•		\square_{Y} \square_{N}
	e. Verified for accuracy by use of duplicate samples (calorimetric only)?						
	Inspector's Name (Please Print) One Inspector's Signature Approximate Date of Next Inspection						
	/						

FACILITY DETAILS:								
FACILITY NAME: Ken's Cleaners		,						
Dry Cleaning Machine #1:								
Manufacturer Platinum by Italiclean	Capacity 35 lbs							
Manufacturer Platinum by Italiclean Model# MC16 Serial# 13 L9124	Mfg yr $10/89$							
Dry Cleaning Machine #2:	,							
Manufacturer	Capacity lbs							
Model# Serial#	Mfg yr							
Boiler:								
Manufacturer Industrial Boiler Inc	Hp <u>25</u>							
Model # <u>F1015 3Pv Gas</u> Serial # <u>4486</u>								
Fuel Type: Natural gas? 🗹 propane? 🗖 fuel oil?								
Notification (unpermitted sources only):								
1. Was the facility assisted in filling out the notification by the	<u> </u>							
2. Did the facility insist on filling out its own notification, and	will send it to FDEP?	□N N/V						
Record keeping:	_							
1. Does facility have statement/specs as to the design accuracy (temperature of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy	-	□N N/A						
Hazardous Waste:								
1. Is all perc. contaminated wastewater either treated or dispose		□N □n						
2. If wastewater is evaporated, is it an approved system, and usin	_/							
3. Does the facility have secondary containment for the dry-dry4. Does the facility have secondary containment for any perc. v								
,, F	·	 .						
Comments:		·						
								

AIRS ID#: 1030302



DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

	12/ '0	CI			
FACILITY NAME:		Cleaner		DATE	1/20/00
FACILITY LOCATION:	•	54th AJ			
	St.Pe	terspuro	, FL	· 	
Annual Reporting Period:	July	13, 1999	TO Jo	nuary	20, 2000
Based on each term or condition 62-213.300, Florida Administra					EP Rwe □NO
If NO, complete the following:					
#1. Term or condition of the ge	neral permit that has no	ot been in continuous co	mpliance during	the reporting perio	od stated above:
Exact period of non-compliance	: from		to		
Action(s) taken to achieve comp	liance:			· · · · · · · · · · · · · · · · · · ·	
Method used to demonstrate con	npliance:	· · ·			
#2. Term or condition of the ge	neral permit that has no	t been in continuous co	mpliance during t	the reporting perio	ed stated above:
Exact period of non-compliance:	from	·	to	RECEL	VED
Action(s) taken to achieve comp	liance:		···	FFR 1	2020
Method used to demonstrate con	npliance:		<u>-</u>	Bureau of Air N	Monitoring
		· .		& Mobile So	ources
As the responsible official, I here made in this notification are true upon rolling averages of purcha year for transfer or combination	e, accurate and complet se receipts, does not exc	e. Further, my annual	consumption of p	erchloroethylene.	solvent, based
responsible official: _	Name (Please F	roecopy	Signatur	Te Te	Date

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

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL L	COMPLAI	NT/DISCOVERY 🚨	RE-INSPECTION	NC 🛄
AIRS ID#:	1030302	DATE:	1/19/00	TIME IN: 10.68	தாME OUT:	12:05pm
FACILITY	NAME:	<u>Ken's Clea</u>	ners			
FACILITY	LOCATION:	_1506_54th Ave	. North, #6	· ·		
		St. Petersburg,	FL, 33703			
RESPONSII	BLE OFFICIAL	: Kurt Schroe	der	Phone	No.: <u>525</u> -	1074
	Permit No.	_10303	,02	Exp. Date: 4/1	4/01	
		-	•	ts evaluated during this insped dministrative Code (F.A.C.)	•	found to be in
		ults of the compli	-	ts evaluated during this insp	ection, the following	compliance

Inspection Summary Report Guidance

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

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

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	<u> </u>	COMPLAINT/I	DISCOVERY 🗖	
AIRS ID#: 1036302 FACILITY NAME: FACILITY LOCATION:	Date:1/_ Ken's Clean 1506 54th Av St. Petersburg	e. North, #6	: 	580. MTIME OUT: 1	· · · · · · · · · · · · · · · · · · ·
RESPONSIBLE OFFICIA				_	
CONTACT:	Kurt Schroede	er <u> </u>		PHONE: 525-	<u> </u>
PART I: NOTIFICATION	1				
(Check appropriate box)			-		1
1. Existing facility notified	•				☑
2. New facility notified DA	RM 30 days prior to	startup			
3. Facility failed to notify D	OARM to use general	permit			
PART II: CLASSIFICAT	ION				
	source 10 gal/yr gal/yr gal/yr 1/yr 12/9/91) source (x.<2,100 gal/yr (1,800 gal/yr 800 gal/yr 12/9/91) ssification: appropriate classification a general permit albove limits and is no	IN Interpretation: as number _ as teligible for	. New small ar dry-to-dry on transfer only, both types, x-(Constructed). New large ar dry-to-dry on transfer only, both types, 12 (Constructed) Can not determing above a general perming dry-to-dry on transfer only, both types, 12 (Constructed).	ea source y, x<140 gal/yr x<200 gal/yr 140 gal/yr on or after 12/9/91) ea source y, 140 <x<2,100 12="" 140<x<2,100="" 200<x<1,800="" 9="" 91)="" after="" con="" e<="" ea="" gal="" on="" or="" source="" th="" y,="" yr=""><th></th></x<2,100>	
B. The total quantity of per facility was	• •) purcnased	within the prece	ung 12 months by this (my cleaming

PART III: GENERAL CONTROL REQUIREM	ŒNTS			
Is the responsible official of the dry cleaning facilit (check appropriate boxes)	y:			
1. Storing perchloroethylene in tightly sealed and i	mpervious containers?	Y	ΠN	□ NA
2. Examining the containers for leakage?		Y	ΠN	□ NA
3. Closing and securing machine doors except dur	ng loading/unloading?	¥Y	ΠN	
4. Draining cartridge filters in their housing or in s least 24 hours prior to disposal?	ealed containers for at	☑Y	NΠ	□NA
5. Maintaining solvent-to- carbon ratios and steam beds according to the manufacturer's specificat	- :	ПΥ	ΠN	☑ NA
DA DE IV. DEOCECC VENE CONTROL C				<u> </u>
PART IV: PROCESS VENT CONTROLS				
In Part II-A:				
If classification (1) has been checked, no contro	ols are required. Proceed to Par	rt V.		,
If classification (2) has been checked, the mach (complete A below)	ine should be equipped with a	refriger	ated cond	enser
If classification (3) has been checked, the mach condenser or a carbon adsorber (complete A an installed prior to September 22, 1993.				i .
If classification (4) has been checked, the mach (complete A and B below.)	ine should be equipped with a	refriger	ated cond	enser
A. Has the responsible official of all new source (check appropriate boxes)	s and existing large area sour	ces:		
1. Equipped all machines with the appropriate ver	it controls?	Y	ΠN	
2. Equipped dry-to-dry machines with a closed loop	vapor venting system?	☐ Y	ΠN	□ NA
3. Equipped the condenser with a diverter valve so away from the condenser upon opening the door'		QΥ	ПN	□na
4. Measured and recorded the temperature of the refrigerated condenser on a weekly/bi-weekly b		QΥ	ПN	
5. Repaired or adjusted the equipment within 24 l temperature of the condenser exceeded 45°F?	ours if the exhaust	QΥ	ПN	□NA
6. Conducted all temperature monitoring after an a and after verifying the coolant had been complete.		ΩY	ПN	

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?	□У	DN	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and	□Y	ΠN	□NA
	outlet weekly? Is the temperature differential equal to or greater than 20°F?	ПΥ	\square_{N}	□NA
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to of less than 100 ppm?	□Y □Y		□na □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	ПN	□na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΠY	□N	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΠY	ΠN	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS			
H: (cl	as the responsible official: heck appropriate boxes)			
1.	Maintained receipts for perc purchased?	$\mathbf{\underline{A}}_{\mathrm{Y}}$	ΠN	
2.	Maintained rolling monthly averages of perc consumption?	σ / √		
3.	Maintained leak detection inspection and repair reports for the following:	<u> </u>	— 11	,
	a. documentation of leaks repaired w/in 24 hrs? or;	\square_{Y}	\square N	⊠NA
	b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	\square_{Y}		⊠NA
4.	Maintained calibration data? (for direct no diversity of the	$\square_{\mathbf{Y}}$	\square_{N}	⊠NA
	Maintained calibration data? (for direct reading instrument only)			,
	Maintained exhaust duct monitoring data on perc concentrations?	Пy		MNA.
5.	Maintained exhaust duct monitoring data on perc concentrations?	□Y ⊡Y		⊡ NA
5. 6.	Maintained exhaust duct monitoring data on perc concentrations?		ΠN	⊠NA ⊡NA
5. 6.	Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	Y	□N □N □N	

PA	PART VI: LEAK DETECTION AND REPAIRS						
1.	Does the responsible official c inspection?	onduct	a wee	kly (for s	small sources, bi-weekly leak	detect	
2.	Has the facility maintained a le	eak log	; ?			Y	\square N
3.	Does the responsible official c	heck tl	ne follo	owing are	eas for leaks:		
	Hose connections, fitting couplings, and valves	⊠Y	□N	□NA	Muck cookers	□Y	ON ONA
	Door gaskets and seating	Y Y	\square_{N}	\square NA	Stills	Y	□n □na
	Filter gaskets and seating Y N NA Exhaust dampers Y NA						
	Pumps						
	Solvent tanks and containers	y Y	□N	□NA	Cartridge Filter housing	Ū∕Y	□n □na
	Water separators	$\nabla \mathbf{Y}$	□N	□NA			
4.	4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector If using direct-reading instrumentation, is the equipment:						
	a Capable of detecting perc vapor concentrations in a range of 0-500 ppm.						
	b. Calibrated against a standard gas prior to and after each use(PID/FID only).						
	c. Inspected for leaks and o	bvious	s signs	of wear o	n a weekly basis?		\square_{Y} \square_{N}
	d. Kept in a clean and second	ire-are	a wher	n not in u	se.		$\square_{Y} \square_{N}$
	e. Verified for accuracy by	use of	duplic	ate samp	les (calorimetric only)?		\square_{Y} \square_{N}
	Inspector's Name (Rease Print) Inspector's Signature 1/20/60 1/20/00 1/20/00 1/20/00 Approximate Date of Next Inspection						

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL G COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030302	DATE: 7/25/00 TIME IN: 10:530 TIME OUT: 11:47 0.00
FACILITY NAME:	Ken's Cleaners
FACILITY LOCATION:	1506_54th Avenue North, #6
	St. Petersburg, FL, 33703
RESPONSIBLE OFFICIAL:	Kurt Schroeder Phone No.: _525-1074
Permit No.	1030302-001-A6 Exp. Date: 8/14/61
	Its of the compliance requirements evaluated during this inspection, the facility is found to be in DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).

Inspection Summary Report Guidance

discrepancies were noted (only items which are checked):

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

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

Compliance Requirement/Problem	Follow-up Action Required
Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions
Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
 Comments	
Comments:	·
If the Inspection Summary Report indicates follow-up as measures to achieve compliance. Pinellas County will perfective actions have been taken.	- 1
Inspection Conducted by:	eff Morris
Inspector's Signature:	Stry thomas
Phone Number: 464-4	422/
Pa	ge 2 of 2

AIRS ID#: _1030302	TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	COMP:	LAINT/DISCOVERY	<u> </u>	
CONTACT: Kurt Schroeder PHONE: 525-1074 PART I: NOTIFICATION (Check appropriate box) 1. Existing facility notified DARM By 9/1/96 2. New facility notified DARM 30 days prior to startup 3. Facility failed to notify DARM to use general permit PART II: CLASSIFICATION Facility indicated on notification form that it is: (Check appropriate box) A. 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 transfer only, x × 200 gal/yr both types, x × 140 gal/yr (Constructed before 12/9/91)	FACILITY NAME:	Ken's Cleane	ue North, #6	E IN: <u>10 :530 .</u> mfimi	E OUT: 11.47	?6.m.
(Check appropriate box) 1. Existing facility notified DARM By 9/1/96 2. New facility notified DARM 30 days prior to startup 3. Facility failed to notify DARM to use general permit PART II: CLASSIFICATION Facility indicated on notification form that it is: (Check appropriate box) A. 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) Constructed on or after 12/9/91						
1. Existing facility notified DARM By 9/1/96 2. New facility notified DARM 30 days prior to startup 3. Facility failed to notify DARM to use general permit PART II: CLASSIFICATION Facility indicated on notification form that it is: (Check appropriate box) A. 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) 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 on or after 12/9/91)	PART I: NOTIFICATION				•	
Facility indicated on notification form that it is: (Check appropriate box) 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) No notification form Drop store / out of business / petroleum 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)	 Existing facility notified l New facility notified DAI 	RM 30 days prior to st	•			<u> </u>
Check appropriate box) 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) Drop store / out of business / petroleum 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)	PART II: CLASSIFICATI	ON				
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) This is a correct facility classification: If no, please check the appropriate classification: If acility qualified for a general permit as number above facility exceeds above limits and is not eligible for a general permit B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 20 gallons.	A. 1. Existing small area s dry-to-dry only, x < 14 transfer only, x < 200 s both types, x < 140 gal (Constructed before I) 3. Existing large area s dry-to-dry only, 140 < transfer only, 200 < x < both types, 140 < x < 1, (Constructed before I) This is a correct facility class If no, please check the a facility qualified the facility exceeds all B. The total quantity of per	source 0 gal/yr 2/9/91) source x < 2,100 gal/yr 800 gal/yr 800 gal/yr 2/9/91) sification: Y appropriate classification for a general permit as bove limits and is not chloroethylene (perc)	2. New dry-t trans both (Con 4. New dry-t trans both (Con 1. New dry-t trans both (Con 2. New dry-t trans both (Con 3. New dry-t trans both (Con 4. New dry-t trans both (Con 3. Can not on: 5. number	store / out of business small area source o-dry only, x<140 gal/ fer only, x<200 gal/yr types, x<140 gal/yr structed on or after 12 large area source o-dry only, 140 <x<2,1 12="" 140<x<1,800="" 200<x<1,800="" above="" after="" determine="" eral="" fer="" g="" on="" only,="" or="" permit<="" structed="" td="" types,=""><td>(yr 2/9/91) (00 gal/yr 0 gal/yr al/yr 2/9/91)</td><td>nning</td></x<2,1>	(yr 2/9/91) (00 gal/yr 0 gal/yr al/yr 2/9/91)	nning

PART III: GENERAL CONTROL REQUIREMENTS			
Is the responsible official of the dry cleaning facility: (check appropriate boxes)			
1. Storing perchloroethylene in tightly sealed and impervious containers?	Y	ΠN	□NA
2. Examining the containers for leakage?	✓ Y	ΠN	□ NA
3. Closing and securing machine doors except during loading/unloading?	₫Y	ΠN	
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	☑Y	ΠN	□NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□Y	□N	ĭ NA
PART IV: PROCESS VENT CONTROLS	· <u> </u>	1800	
In Part II-A:	. 47		
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 cond	denser
If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a r must ha	efrigerate we 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 sou (check appropriate boxes)	rces:		
1. Equipped all machines with the appropriate vent controls?	ΩY	ΠN	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	ΩN	□ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	QΥ	□N	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	QΥ	□N	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	QΥ	□N	□ NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	ΩY	□N	

PA	PART VI: LEAK DETECTION AND REPAIRS						
1.	Does the responsible official c inspection?	onduc	t a wee	kly (for	small sources, bi-weekly) leal	detect ☑Y	tion and repair
2.	Has the facility maintained a l	eak log	g?			$\mathbf{\Xi}_{\mathbf{Y}}$	\square N
3.	Does the responsible official of	heck t	he foll	owing ar	eas for leaks:		
	Hose connections, fitting couplings, and valves	ΞY	ΠN	□NA	Muck cookers	,	ON ONA
	Door gaskets and seating	T Y	ΠN	\square_{NA}	Stills	ĭY	□n □na
	Filter gaskets and seating	☑Y	ΩN	□NA	Exhaust dampers	⊴ Y	□n □na
	Pumps	ΔY	\square_{N}	□NA	Diverter valves	□Y	□n ⊡na
	Solvent tanks and containers	d y	ĮΩN	□NA	Cartridge Filter housing	ĭY	□n □na
	Water separators	ΖΊΥ	\square_{N}	□NA			
4.	4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector If using direct-reading instrumentation, is the equipment:						
	a Capable of detecting 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	obviou	s signs	of wear	on a weekly basis?		$\square_{Y} \square_{N}$
	d. Kept in a clean and sec	ure are	ea whe	n not in t	ise.		□y □n
	e Verified for accuracy by use of duplicate samples (calorimetric only)?						
	Tett Mocris Inspector's Name (Please Print) Date of Inspection 2/25/00 Inspector's Signature Approximate Date of Next Inspection						

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?	ay di
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 ppm?	□y □n □na □y □n □na
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, 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	
H:	as the responsible official: heck appropriate boxes)	•
1.	Maintained receipts for perc purchased?	Y ON
2.	Maintained rolling monthly averages of perc consumption?	VIV IIN
3.	Maintained leak detection inspection and repair reports for the following:	— I — II
	a. documentation of leaks repaired w/in 24 hrs? or;	□y □n ⊴ na
	 b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? 	OY ON MA
4.	Maintained calibration data? (for direct reading instrument only)	□y □n ¶ina
5.	Maintained exhaust duct monitoring data on perc concentrations?	DY DN DNA
6.	Maintained startun/abutdown/malfunction =10=2	MY □N
	Maintained startup/shutdown/malfunction plan?	
	Maintained deviation reports?	OY ON MA
	•	

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DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

•				,
FACILITY NAME:	Ken's Cleaners		Date:	7/25/00
FACILITY LOCATION	: 1506 54th Avenue Nor	th, #6	· 	
	St. Petersburg, FL, 337	703		
Annual Reporting Period:	January 19	7, 20 00 To	July 2	.5 , 20 <u>.00</u>
Based on each term or conditio 213.300, Florida Administrativ				
IF NO, complete the follow	ing:	PK		
#1. Term or condition of the g	eneral permit that has not been	in continuous complianc	during the reporti	ng period stated above:
Exact period of non-complianc	e: from	OF PIT TO		
Action(s) taken to achieve com	pliance:	Nonkorit Sources		
Method used to demonstrate co	ompliance:	ine		
#2. Term or condition of the g	general permit that has not beer	n in continuous compliand	ce during the report	ting period stated above:
Exact period of non-compliance	ee: from	to		
Action(s) taken to achieve com	npliance:			
Method used to demonstrate co	ompliance:	,	· ·	
that the statements made of perchloroethylene solv per year for dry-to-dry fac		e, accurate and comp verages of purchase re er yea r for transfer or	elief formed afte lete. Further, m eccipts, does not combination fac	er reasonable inquiry, annual consumption exceed 2,100 gallons cilities.
RESPONSIBLE OFFICL	AL: Kurt Schroeder (Name, Please Prin	Sign	ature	
	•	· '		

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

Recidi pscol

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY LOCATION: 1506 54th Avenue North, #6 St. Petersburg, FL, 33703 Annual Reporting Period: Danuary 20, 20 00 To January 10, 20 01 Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period	LITY NAME:	Ken's Cleaners	DATE:	1/10/01
Annual Reporting Period: January 20, 20 00 To January 10, 20 01 Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. IF NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from			DATE	1/10/01
Annual Reporting Period: January 20, 20 To January 10, 20 Ol Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. IF NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting period s above: Exact period of non-compliance: from Action(s) taken to achieve compliance: #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period s above: Exact period of non-compliance: from Action(s) taken to achieve compliance: from Action(s) taken to achieve compliance:		· · · · · · · · · · · · · · · · · · ·		· .
Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. IF NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from Action(s) taken to achieve compliance: #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from Action(s) taken to achieve compliance:		St. Petersburg, FL, 33/03		
Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. IF NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from Action(s) taken to achieve compliance: #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from Action(s) taken to achieve compliance:		•		•
compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. IF NO, complete the following: #1. Term or condition of the general permit that has not been in continuous compliance during the reporting period s above: Exact period of non-compliance: from Action(s) taken to achieve compliance: #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period s above: Exact period of non-compliance: from Action(s) taken to achieve compliance: from Action(s) taken to achieve compliance:	l Reporting Period:	January 20,20 00	To Jac	nuary 10, 20 Ol
#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period s above: Exact period of non-compliance: from	iance with DEP Rule 62-213	- -	•	riod
Action(s) taken to achieve compliance: Method used to demonstrate compliance: #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from Action(s) taken to achieve compliance:	erm or condition of the gener		ntinuous compliance durir	ng the reporting period stated
Method used to demonstrate compliance: #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from	period of non-compliance: fi	: from	to	,
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period sabove: Exact period of non-compliance: from	n(s) taken to achieve complia	oliance:		
above: Exact period of non-compliance: from Action(s) taken to achieve compliance:	d used to demonstrate comp	npliance:		
Action(s) taken to achieve compliance:	_	neral permit that has not been in co	ntinuous compliance durir	ng the reporting period stated
· · · · · · · · · · · · · · · · · · ·	period of non-compliance: fi	: from	to	
Method used to demonstrate compliance:	ı(s) taken to achieve complia	oliance:		
	d used to demonstrate compl	npliance:		
As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the				
statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroetly				
solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to-dry facili 1,800 gallons per year for transfer or combination facilities.			exceed 2,100 gailons per	year for dry-to-dry facilities or
RESPONSIBLE OFFICIAL: Kurt Schroeder (Name, Please Print) Signature Date		Kurt Schroeder	Tent he	<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.

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TYPE OF INSPECTION:

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

☐ COMPLAINT/DISCOVERY

☐ RE-INSPECTION

☑ ANNUAL

	· .	
AIRS ID103 0302	DATE: 1/10/01 TIME IN	: 10:42a.m. TIME OUT: 11:17a.m.
FACILITY NAME:	Ken's Cleaners	
FACILITY LOCATION:	1506 54th Avenue North, #6, St. Pe	etersburg, 33703
RESPONSIBLE OFFICIAL:	Kurt Schroeder	PHONE NUMBER: 525-1074
Permit No.	1030302-001-AG	Exp. Date: 9/3/01

ত্র	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.).	
	Pased 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:

	<u> </u>	· · · · · · · · · · · · · · · · · · ·
	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
ū	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 record keeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
a	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.
O.	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).
a	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.
0	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.
o o	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
О	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.
٦	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.
۵	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 indicatin that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
0	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.
О	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.
o l	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		
Co	mments:	
		·
		·
		· · · · · · · · · · · · · · · · · · ·
If t	he Inspection Summary Report indicates follow-up	actions are required, you must take immediate corrective
me cor	asures to achieve compliance. Pinellas County w rrective actions have been taken.	ill perform a follow-up inspection to determine that proper
The	e Annual Compliance Certification form has been propo	erly certified and submitted to the inspector. Yes No No
I	DATE OF NEXT INSPECTION	1/10/02 (Approximate)
I	NSPECTION CONDUCTED BY:	Jeff Morris
Ι	NSPECTOR'S SIGNATURE:	PHONE NUMBER: 464-4422
÷	Pa	age 2 of 2



TYPE OF INSPECTION:	ANNUAL ☑ RE-INSPECTION □	COMPLAIN	NT/DISCOVERY 📮		
AIRS ID#: 103 0302	DATE: 1/10/01	TIME IN: 10	TIME OUT:	11:17am	
FACILITY NAME:	Ken's Cleaners	·			
FACILITY LOCATION:	1506 54th Avenue North, #				
	St. Petersburg, FL, 33703				
RESPONSIBLE OFFICIAL:	Kurt Schroeder		Phone No.: 525-1074		
PERMIT 1030302-00	1-AG	EXP. DATE:	9/3/01		
CONTACT: Kurt Schroed	der	PHONE:	525-1074		
<u> </u>					
PART I: NOTIFICATION	<u> </u>	•			
(Check appropriate box)				,	
1. Existing facility notified	DARM by 9/1/96			4	
2. New facility notified DA	ARM 30 days prior to startu	ıp			
3. Facility failed to notify I	DARM to use general perm	nit			
		,			
PART II: CLASSIFICAT	ION				
			101 1		
Facility indicated on notific (Check appropriate box)	ation form that it is:	<u></u> -	o notification form op store / out of business / j	petroleum	
(Check appropriate box) A.		• Dr	op store / out of business / j	petroleum	
(Check appropriate box)	source 🗹	Dro		•	
(Check appropriate box) A. 1. Existing small area	source 🗹	2. New sm dry-to-dry	op store / out of business / j	•	
(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 gal/yr l/yr 'r	2. New sm dry-to-dry transfer or both types	op store / out of business / pall area source only, x \(\text{140 gal/yr} \) nly, x \(\text{200 gal/yr} \) , x \(\text{140 gal/yr} \)	•	
(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/	source gal/yr l/yr 'r 9/91)	2. New sn dry-to-dry transfer on both types (Construct	op store / out of business / pall area source only, x \(\text{140 gal/yr} \) nly, x \(\text{200 gal/yr} \) n, x \(\text{140 gal/yr} \) ted on or after 12/9/91)		
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PART III: GENERAL CONTROL REQUIREMENTS Is the responsible official of the dry cleaning facility: (check appropriate boxes) ØΥ 1. Storing perchloroethylene in tightly sealed and impervious containers? \square N \square NA ÆΥ \square N 2. Examining the containers for leakage? \square NA ØΥ 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 ☑ Y least 24 hours prior to disposal? \square N □ NA 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? ☑ NA \Box Y \square N PART IV: PROCESS VENT CONTROLS In Part II-A: If classification (1) has been checked, no controls are required. Proceed to Part V. If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below) If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993. If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.) A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) Equipped all machines with the appropriate vent controls? \Box Y \square N 1. Equipped dry-to-dry machines with a closed-loop vapor venting system? 2. $\Box Y$ \square N □ NA $\Box Y$ 3. Equipped the condenser with a diverter valve so airflow will be directed \square N \square NA away from the condenser upon opening the door? Measured and recorded the temperature of the outlet exhaust stream of a \Box Y 4. \square N refrigerated condenser on a weekly basis? 5. Repaired or adjusted the equipment within 24 hours if the exhaust $\Box Y$ \square N □ NA temperature of the condenser exceeded 45° F?

6.

Conducted all temperature monitoring after an appropriate cool down

period and after verifying the coolant had been completely charged?

 \Box Y

 \square N

PART VI:	LEAK	DETECTION	AND REPAIRS
PAKT VI:	LEAK	DETECTION	AND K

					,		
1.	Does the responsible official condu	ct a w	eekly le	eak detection and repair inspection?	₫Y	ΠN	
2.	Which method of detection does the responsible official use?						
	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)							
	If using direct-reading instrumentation, is the equipment:						
	a. Capable of detecting perc	vapor	conce	ntrations in a range of 0-500 ppm	ΩY	□N	
	b. Calibrated against a stand	lard ga	s prior	to and after each use (PID/FID only).	QY	ΠN	
	c. Inspected for leaks and ob	vious	signs o	of wear on a weekly basis?	ΩY	□N	
	d. Kept in a clean and secure	e area	when r	not in use.	$\Box Y$	ΠN	
	e. Verified for accuracy by t	ise of	duplica	te samples (calorimetric only)?	ΟY	ΠN	
3.	Has the facility maintained a leak lo	og?			T Y	ΠN	
4.	The following area should be check	,	leaks l		T Y		
	Hose connections, fitting couplings, and valves	ØΥ	ПN	Muck cookers N/A	QY	-01%	
	Door gaskets and seating	ΔY	ΩN	Stills	⊠Y	ΩN	
	Filter gaskets and seating	ŪΥ	ΩN	Exhaust dampers	⊠Y	□N	
	Pumps	Z Y	ΩN	Diverter valves N/A	ΩY	ΩN	
ľ	Solvent tanks and containers	QΥ.	ΩN	Cartridge Filter housing	⊡Y	ΩN	
	Water separators	ĽΥ	ΩN				
	Kurt Schroed	2.6					
Name	of Responsible Official	<u> </u>		_			
- 1	·						
	Jeff Morris			1/10/01			
Inspe	ctor's Name (Please Print)			Date of Inspection			
	A View Transi	د ا		1/10/02			
Inspe	ctor's Signature			Approximate Date of Next Inspection	on		
	$\cup \bigvee \bigcup$						

1.]	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 located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	- OY	'□N		
	The state of the s				
	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	ŪΥ	ΠN	□NA	<u>;</u>
and the second	Is the temperature differential equal to or gree	ŪΫ	ΠN	□NA	1,27
7 T 1	Measured and recorded the perc concentration in the final drying cycle while the machines wenting to the same are equipped				
	with a carbon adsorber? Is the perc concentration equ less than 1(□Y		□NA □NA	
	Assured that the san adsorber maust for measuring perconcentrations is at least stream of any bend, contraction, or				
	expansion; is at least 2 c meters and downstream from no let?	ūΥ	ΠN	□NA	
dajar	Equipped transfer machines (yers, reclaimers, and washers) with individual condenser			::	. '
	coils?	ΠY	□N	□NA	
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΩY	ΠN	□NA	
PA	RT V: RECORDKEEPING REQUIREMENTS				_
	the responsible official: eck appropriate boxes)				
1.	Maintained receipts for perc purchased?	ĭ¥Y	ΠN		
2.	Maintained rolling monthly averages of perc consumption?	QÝY	ПN		
3.	Maintained leak detection inspection and repair reports for the following:				
	a. Documentation of leaks repaired w/in 24 hrs? or;	ΩY	ΠN	□ŃA	
	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	ÖΝ	⊡\NA	
4.	Maintained calibration data? (for direct reading instrument only)	ΩY	ПN	S NA	
5.	Maintained exhaust duct monitoring data on perc concentrations?	□Y	ПΝ	MA	
6.	Maintained startup/shutdown/malfunction plan?	ŒΥ	□и		
7.	Maintained deviation reports?	□Y	ΠN	⊠NA	
	Problem corrected?	□Y	ΠN	⊠NA	
				,	

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SAINT PETERSBURG FL 33703

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Fund: 20-2-035001 Obj.: 002273 when shutdown second working? Definds Records? Measuring clevice Sampling Port Cost

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{	ver top of envelope to	nd at line o			
n the reverse side?	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your rame and address on the reverse of this form so that we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested" on the mailpiece below the article The Return Receipt will show to whom the article was delivered and delivered.	e can return this be does not le number.	I also wish to re following service extra fee):	ces (for an ssee's Address sted Delivery	ceipt Service.
N ADDRESS completed on	3. Article Addressed to: AIRS ID # 1030302 KENS CLEANERS KURT SCHROEDER 1506 54TH AVE N #6 SAINT PETERSBURG FL 33703	4b. Service Registere Express	33 613 Type ad Mail ceipt for Merchandi	490 Certified Insured	you for using Returr Rece
your RETURN	5. Received By: (Print Name) 6. Signature: (Addressee or Agent) **M. () () () () () () () () () () () () ()	8. Addressee and fee is	e's Address (Only paid)	y if requested	Thank y
-	PS Form 3811 , December 1994	2595-97-B-0179	Domestic Re	eturn Receipt	

#1030302 he doss not lione a kel condenser checking exhaust at Earlon Obsorber small area source

Jeff Horris also stated black the 2" markine noted on the notification form

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5	delivered.		Consult postmaster for fee.	ë	
N ADDRESS completed	AIRS ID # 1030302 KENS CLEANERS KURT SCHROEDER 1506 54TH AVE N #6 SAINT PETERSBURG FL 33703	4b. Service 1 Registere Express I Return Rec 7. Date of De	Type ed Certified Mail Insured ceipt for Merchandise COD	for using Return R	
s your RETUF	5. Received By: (Print Name) Lucy School Signature: (April 1985) 6. Signature: (April 1985) X	8. Addressee and fee is	e's Address (Only if requested paid)	Thank you	
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