

Department of Environmental Protection

/03030/

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

Virginia B. Wetherell Secretary

August 26, 1996

Mr. Thomas M. Hanson 12963 Walsingham Road Largo, Florida 33776

Dear Mr. Hanson:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on August 19, 1996.

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

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

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

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

Sincerely,

Dotty Diltz, Chief

Bureau of Air Monitoring

and Mobile Sources

/DD

cc: Mr. Gary Robbins, Pinellas County



Department of **Environmental Protection**

Lawton Chiles Governor

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

Virginia B. Wetherell Secretary

September 16, 1996

Mr. Kurt Schroeder Kens Cleaners 1506 54th Avenue North, #6 St. Petersburg, Florida 33703

Dear Mr. Schroeder:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on August 19, 1996.

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

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Sincerely,

Dotty Diltz, Chief

Bureau of Air Monitoring

and Mobile Sources

/DD

Mr. Gary Robbins, Pinellas Broward County cc:

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

Perchloroethylene Dry Cleaning Facility Notification

Note Areas

Facility Name and Location

1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):
	HANSON CLEANERS INC.
2.	Site Name (For example, plant name or number):
	SAME
3.	Hazardous Waste Generator Identification Number:
	FLD 98209411Z
4.	
	Street Address: PLUQULAS
	Facility Location: Street Address: City: 12963 Wals INGHAM RD LARGO Facility Identification Number (DEP Use): 9500140 103030
5.	Facility Identification Number (DEP Use):
	9500140 1030301
	Desponsible Official
	Responsible Official
6.	Name and Title of Responsible Official:
	THOMAS M. HAUSON TREAS.
7.	Responsible Official Mailing Address: Organization/Firm: HANSON (LEANERS エルム
	Street Address: 12963 WALSINGHAM FD
	City: LARCO County: Zip Code: 33776
8.	Responsible Official Telephone Number:
	Telephone: (813) 593 ~ 1944 Fax: $()$ -
	Facility Contact (If different from Responsible Official)
9.	Name and Title of Facility Contact (For example, plant manager):
	·
10.	Facility Contact Address:
	Street Address:
	City: County: Zip Code:
11	Facility Contact Telephone Number:
11.	Telephone: () - Fax: () -

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AUG 1 9 1996

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

Bureau of Air Monitoring & Mobile Sources

103030/
p. 14 1(a) date control device
installed
1 (c) does not need to be marked
p. 15 4. existing large r.c. Should be marked

Q2V19255

Alberta Control of the Control of th

G. F. D.

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 Initially	Date Control Device		Date Machine Initially	Date Control Device		Date Machine Initially	Date Control Device
Type of Machine	ID	Purchased	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-9
Dry-to-Dry Unit	7 .					, at			The state of the s
(I) w/ ref. condenser	钳	5-15-87							_
(2) w/ carbon adsorber									
(3) w/ no controls		_							
Washer Unit	11- 1	. 1			. :				
(4) w/ ref. condenser									
(5) w/ carbon adsorber				_					
(6) w/ no controls									_
Dryer Unit		a second	2 P	'					
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit			-14			<u> </u>			
(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 the control of the control devices (b) If less than 12 montrol of the control	are re quant gallo	equired to be ity of perchlo ons ow many? [_	installed [_ proethylene (perc)					
3. What is the facility's so (Indicate with an "X". Existing small are Existing large are	Selec ea so	t one classifi	cation only.) Ne	ew sn	nitions found nall area sour ge area sour	rce []	3) of 	Part II?	

DEP Form No. 62-213.900(2)

Effective: 6-25-96

 What control technology is required on mach (Indicate with an "X".) 	ines pursuant 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 []							
•							
	ons units shall not be eligible to use the general permit pursuant n and hot water generating units on-site meet the following site:						
All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.							
All steam and hot water generating units exemp No such units on-site	t []						
Equipment Monitor	ing and Recordkeeping Information						
Check all logs which are required to be kept on-	site in accordance with the requirements of this general permit:						
(a) Purchase receipts and solvent purchases							
(b) Leak detection inspection and repair							
(c) Refrigerated condenser temperature monitor	ing []						
(d) Carbon adsorber exhaust perc concentration	monitoring [\(\)]						
(e) Instrument calibration							
(f) Start-up, shutdown, malfunction plan							

DEP Form No. 62-213.900(2) Effective: 6-25-96

Surrender of Existing Air Permit(s)

Please indicat	e with an "X" the appropriate selection:										
	I hereby surrender all existing air perm facility indicated in this notification fo	- .									
4	No air permits currently exist for the of this notification form.	operation of the facility indicated in									
	Responsible Official Certification										
this notifi statement maintain	cation. I hereby certify, based on inforn is made in this notification are true, accu the air pollutant emissions units and air	defined in Part II of this form, of the facility addressed in nation and belief formed after reasonable inquiry, that the trate and complete. Further, I agree to operate and pollution control equipment described above so as to ral permit as set forth in Part II of this notification form.									
I will pro	mptly notify the Department of any chan	ges to the information contained in this notification.									
This	W Homm Treas.	8-16-96									
Signature		Date									

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT



TYPE OF INSPECTION: AN	INUAL 🗆 (COMPLAINT/DISCOVERY	'	RE-INSPECTION []
TIME IN: 9:40	TIME OUT:	10:40 a.m.	AIRS ID#	1 0311618
	Perchloroethylene	-		
FACILITY NAME:	Hanson Cleaners	, Inc.	DATE:	06/12/1997
FACILITY LOCATION:	12963 Walsingha	m Rd., Largo, FL 33	776	
RESPONSIBLE OFFICIAL:	THOMAS M. HAN	ISON	PH	ONE NUMBER:
Based of the results of th to be in compliance with Based on the results of th compliance discrepancies	DEP Rule 62-213.30 ne compliance require	00, Florida Administrativ	ve Code (F.A.	.C.).
Comments: Hazardous waste perchloroethylene.	must be kept in tight	ly sealed containers to p	revent uncont	rolled emissions of
		I:\USERS\AIRQI	UAL\WPDOCS\AQT0	OX\CAA\DRYCLN\HANSON.DO
The Annual Compliance Certification DATE OF NEXT INSPECTION:_ INSPECTION CONDUCTED BY INSPECTOR'S SIGNATURE:	Alfhy I son	ertified and submitted to the October 12 (Approximate) (Please Print) PHONE NUM e L of L	Morris	Yes ☑ No □ S 4-4422 Revised 10/96

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: Hanson C	eaners DATE: 6/12/97
FACILITY LOCATION: 12963 Wal	
	33776
J ,	
Annual Reporting Period: Tune 12,	1996 TO June 12, 1997
Based on each term or condition of the Title V general air 62-213.300, Florida Administrative Code (F.A.C.), during	permit, my facility has remained in compliance with DEP Rule the period covered by this statement. YES NO
If NO, complete the following:	
#1. Term or condition of the general permit that has not be	een in continuous compliance during the reporting period stated above:
Exact period of non-compliance: from	to
Action(s) taken to achieve compliance:	
Method used to demonstrate compliance:	
#2. Term or condition of the general permit that has not b	een in continuous compliance during the reporting period stated above:
Exact period of non-compliance: from	to
Action(s) taken to achieve compliance:	
Method used to demonstrate compliance:	
made in this notification are true, accurate and complete.	nation and belief formed after reasonable inquiry, that the statements Further, my annual consumption of perchloroethylene solvent, based d 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per
Name (Please Pri	

^{*}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.

/ RECEIVED

JUHA 2 9 1997

PERCHLOROETHYLENE DRY CLEANERS

Bureau of Air Monitoring & Mobile Sources

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/DISC	COVERY	·
AIRS ID#:	anson C	leane	in Rd	•	40a.n
PART I: NOTIFICATION			•		
(check appropriate box)		-			
Existing facility notified DAI	RM by 9/1/96°				
2. New facility notified DARM	30 days prior to startu	ір			_ ·
3. Facility failed to notify DARI	M to use general perm	nit			
PART II: CLASSIFICATION Facility indicated on notification (check appropriate box)					
A. 1. Existing small area sourd 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 sourd dry-to-dry only, 140 <x<2, 10<="" td=""><td>t t t t t t t t t t t t t t t t t t t</td><td>ransfer only, x both types, x<1 constructed on New large a lry-to-dry only</td><td>x<140 gal/yr <200 gal/yr 40 gal/yr or after 12/9/91) arca source 140<x<2, 100="" gal="" td="" yr<=""><td>o o</td><td></td></x<2,></td></x<2,>	t t t t t t t t t t t t t t t t t t t	ransfer only, x both types, x<1 constructed on New large a lry-to-dry only	x<140 gal/yr <200 gal/yr 40 gal/yr or after 12/9/91) arca source 140 <x<2, 100="" gal="" td="" yr<=""><td>o o</td><td></td></x<2,>	o o	
transfer only, 200 <x<1,800 g<br="">both types, 140<x<1,800 gal<br="">(constructed before 12/9/91)</x<1,800></x<1,800>	yr t	ooth types, 140 constructed on	00 <x<1,800 gal="" yr<br=""><x<1,800 gal="" yr<br="">or after 12/9/91)</x<1,800></x<1,800>	•	
This is a correct facility classific	cation	Mary □N	•	•	
If no, please check the appropri	ate classification:				ļ
	ed for a general permi s above limits and is r				
B. The total quantity of perchlo facility was 21 Ogallons.	roethylene (perc) purc	chased within t	he preceding 12 month	s 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 scaled and impervious containers?	OF ON
2. Examining the containers for leakage?	
3. Closing and securing machine doors except during loading/unloading?	DY ON
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	DY DN
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON ON/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 refrig (complete A below).	erated condenser
If classification 3 has been checked, the machine should be equipped with either a condenser or a carbon adsorber (complete A and B below). Carbon adsorber must installed prior to September 22, 1993	0
If classification 4 has been checked, the machine should be equipped with a refrig (complete A and B below).	erated 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?	DY 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?	DY ON ON/A
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	DY ON
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	EY ON
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?	DY ON
B. Has the responsible official of an existing large or new large area source also:	
 Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? 	MY ON

· · · · · · · · · · · · · · · · · · ·	
Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	אם אם
Is the temperature differential equal to or greater than 20° F?	OY ON
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 adsorbar?	OY ON ON/A
Is the perc concentration equal to or less than 100 fpm?	OY ON
4. Assured that the sampling port on the carbon adsorber exhaust for measuring	
perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction,	
or expansion; and downstream from no other inlet?	□У □И
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual	•
condenser coits?	OY ON ON/A
6. Routed airflow to the carbon adsorber (if used) at all times?	OY ON ON/A
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official:	
(check appropriate boxes)	,
1. Maintained receipts for perc purchased?	AL ON
2. Maintained rolling monthly averages of perc consumption?	MY ON
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or,	MY ON
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
4. Maintained Calibration data? (for direct reading instruments only)	OY ON ON/A
5. Maintained exhaust duct monitoring data on perc concentrations?	DY DN N/A
6. Maintained startup/shutdown/malfunction plan?	MY ON
7. Maintained deviation reports?	QYY ON
Problem corrected?	OY ON
8. Maintained compliance plan, if applicable?	DY DN E N/A
PART VI: LEAK DETECTION AND REPAIRS	
1. Does the responsible official conduct a weekly leak detection and repair inspection?	MY ON
2. Which method of detection is used by the responsible official?	
Visual examination (condensed solvent on exterior surfaces)	Z /
Physical detection (airflow felt through gaskets)	Ā
Odor (noticeable perc odor)	Ø

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

		_						
If	If using direct-reading instrumentation, is the equipment:							
	□Y (□и						
	ΟY (ПИ						
	c. Inspected for least and	op (ious	signs of wear on	a weekly basis?	DY I	DΝ		
	d. Kept in a clean and sec	cure area	when not in use?		□Y (□и		
	e. Verified for accuracy b	y use of	duplicate samples	(calorimetric only)?	ΩĂ (ΠN		
3. Has the	facility maintained a leak log?				ØY I	□и		
4. The fol	lowing areas should be checked for	or leaks l	by the inspector:					
	Leak Detected?							
ll .	ose connections, fittings, couplings, and valves	ΠY	QV ·	Muck cookers	ΩY	Ø N		
D	oor gaskets and seating	ΩY	N	Stills	ΠY	M		
. Fi	ilter gaskets and scating	ΠY	ON	Exhaust dampers	ΠY	ΠN		
Pı	umps	Ο̈́Υ	G N	Diverter valves	ΠY	ΠN		
S	olvent tanks and containers	ΠY	D N	Cartridge filter housings	ΩY	ΠN		
W	ater separators	ΟY	ØN.					
			<u>nagan pana Ci bani, ik ngawan ka mbak</u>					

Name of Responsible Official

Inspector's Name (Please Print)

Inspe

Date of Inspection

Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

AJAX Economatic

Machine # 5055 LBS

Serial # 3 22>

- Does not have tightly sealed container for haz waste.

Foodel Boiler Co. Model BS15 31V Ser HJ15A 10 058685178

DRY CLEANER AIR QUALITY GENERAL PERMITS ANNUAL COMPLIANCE CERTIFICATION FORM

HANSON CLEANERS INC THOMAS M HANSON 12963 WALSISNGHAM ROAD LARGO FL 33776

Do NOT Remove Label

Annual Reporting Period:	JAN	ŀ,	19 <u>98</u>	то	Dec	31	19 <i>_98</i>
Based on each term or condition of the Tit					_		
62-213.300, Florida Administrative Code	(F.A.C.), d u	iring the	period covered	by this stateme	nt. PYES	UN(3
If NO, complete the following:							
#1. Term or condition of the general perm	it that has ı	not been	in continuous c	ompliance duri	ng the reporting	period stated	i above:
Exact period of non-compliance: from				to			
Action(s) taken to achieve compliance:							
Method used to demonstrate compliance:			-	-			
#2. Term or condition of the general perm	it that has i	not been	in continuous c	ompliance duri	ng the reporting	period stated	i above:
Exact period of non-compliance: from				to			
Action(s) taken to achieve compliance:							
Method used to demonstrate compliance:			_				
							!
As the responsible official, I hereby certify, bo	sed on info	mation a	nd helief formed	l after reasonahl	e inquiry, that the	statements n	nade in this

notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon purchase receipts,

does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

Name (Please Print)

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

Add /*

AIRS ID#:	1030301

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	tanson				DATE:	9/15/98
FACILITY LOCATION:	1963 1	Nalsi	inoj	ham R	Rd	
	Largo	FL	33	776		
		<u> </u>				
Annual Reporting Period: June 1	2,	19 <u>97</u>	TO _	Sept	ember 15	5, 1998
Based on each term or condition of the Title						
62-213.300, Florida Administrative Code (F	A.C.), during the pe	enod covered	by trus st	atement.	YES	ОиО
If NO, complete the following:						
#1. Term or condition of the general permit	that has not been in	continuous c	ompliano	e during the re	eportin s p eriod	l stated above:
				- P	0	
Exact period of non-compliance: from			t	· 68	S K	·
Action(s) taken to achieve compliance:				No.	20	
Method used to demonstrate compliance:				પ્	C No	4
					ces	
#2. Term or condition of the general permit	that has not been in	continuous c	omplianc	e during the re	porting period	l stated above:
·	,	٠.				
Exact rapid of the compliance from	:		to			
Exact period of non-compliance: from	· ·		to		-	
Action(s) taken to achieve compliance:						
Method used to demonstrate compliance:			-			
p ·						
As the responsible official, I hereby certify, less made in this notification are true, accurate a upon rolling averages of purchase receipts, a year for transfer or combination facilities.	nd complete. Furth	er, my annua	l consum	ption of perch	loroethylene so	olvent, based
RESPONSIBLE OFFICIAL: THOMAS	M. HANSON	To	aM	Hano		9-15-48
	ne (Please Print)			Signature		Date

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

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL 🗹 COMPLAINT/DISCOVERY 🗀 RE-INSPECTION 🗀
AIRS ID#: 1030301 001 DATE: 9/15/98 TIME IN: 3/05pm TIME OUT: 3:20pm
FACILITY NAME: Hanson Cleaners, Inc.
FACILITY LOCATION: 12963 Walsingham Rd.
Largo, FL, 33776
RESPONSIBLE OFFICIAL: Thomas M. Hanson \$200 Phone: 523-1944
Permit No. 1030301-001-AG Exp. Date: 08/23/2001 Out of the state of th
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.).

Inspection Summary Report Guidance

compliance discrepancies were noted (only items which are checked):

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

Andre America	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.
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.
· · · · · · · · · · · · · · · · · · ·	et (*)
Comments:	
	•
	ections are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by: Jeffrey Morris	
Inspector's Signature:	grue
Phone Number: 464-4422	

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	RE-INSPECTION \Box	COMPLAIN	I/DISCOVERY 🗖	
AIRS ID#: 1030301 001	• ,		3.05prxime out:	
FACILITY NAME:	Hanson Cleaner	rs, Inc.		·
FACILITY LOCATION:	12963 Walsingham	n Rd.		
	Largo, FL, 33776			
RESPONSIBLE OFFICIA	L: Thomas M. Hansor			
CONTACT:	Thomas I	Hanson	_ PHONE:593	3-1944
PART I: NOTIFICATION			·	
(Check appropriate box)				
1. Existing facility notified	DARM By 9/1/96		•	lacktriangledown
2. New facility notified DA	RM 30 days prior to startı	ир		
3. Facility failed to notify D	ARM to use general pern	nit		
	<u>-</u>		<u> </u>	-
PART II: CLASSIFICATI	ON			
Facility indicated on notifica (Check appropriate box)	tion form that it is:	No notifica Drop store	tion form / out of business / petroleu	m į
A. 1. Existing small area s dry-to-dry only, x<14 transfer only, x<200 g both types, x<140 gal (Constructed before I	source 0 gal/yr gal/yr /yr 2/9/91)	2. New small dry-to-dry of transfer on both types, (Constructed)	area source only, x<140 gal/yr y, x<200 gal/yr x<140 gal/yr ed on or after 12/9/91)	
3. Existing large area s dry-to-dry only, 140 < transfer only, 200 < x < 1, both types, 140 < x < 1, (Constructed before 1	ource x≺2,100 gal/yr 1,800 gal/yr 800 gal/yr 2/9/91)	4. New large dry-to-dry transfer onl both types, (Constructed	area source only, 140 <x<2,100 12="" 140<x<1,800="" 200<x<1,800="" 2d="" 9="" 91)<="" after="" gal="" ly,="" on="" or="" td="" yr=""><td></td></x<2,100>	
This is a correct facility class	sification: 🗹 Y 🗆 N	Can not detern	nine	
facility qualified f	ppropriate classification: for a general permit as nu pove limits and is not elig	mber ab		
B. The total quantity of per-		chased within the pre	eceding 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?	☑ Y	□N	□ NA			
2. Examining the containers for leakage?	Y	ΠN	□NA			
3. Closing and securing machine doors except during loading/unloading?	\mathbf{Y}	ΠN				
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y	□N	□NA			
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?		ПN	✓NA			
PART IV: PROCESS VENT CONTROLS						
In Part II-A:						
If classification (1) has been checked, no controls are required. Proceed to P	art V.					
If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)						
If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.						
If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)						
A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)						
1. Equipped all machines with the appropriate vent controls?	₫ Y	□N				
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	⊴ Y	ΠN	□ NA			
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	☑ Y	□N	□NA			
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	Y 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	□N				

_				
В.	Has the responsible official of an existing large or new large area source also:			
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	✓Y	□N	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20° F?	□ Y □ Y		□na □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 □Y	□n □n	□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?	□Υ	□N	□NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Υ	□N	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	□Y	□N	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS	1-1		
H: (c)	as the responsible official: heck appropriate boxes)			
	Maintained receipts for perc purchased?	ØY	ΠN	
2.	Maintained rolling monthly averages of perc consumption?	Μy	□NI	
3.	Maintained leak detection inspection and repair reports for the following:	₩ I	— IN .	
	a. documentation of leaks repaired w/in 24 hrs? or; (No problems \	ΠY	\square N	⊠NA
	b. documentation of parts ordered to repair leak and leak repaired tendeted w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Previous instrument	\Box_{Y}	□N	⊠NA
4.	Maintained calibration data? (for direct reading instrument only) Previous insfi	ΠY	□N	≌ NA
5.		ΠY	\square N	D NA
6.		ØY	\square N	
7.	Maintained deviation reports? No problems	\square_{Y}	\square N	M NA
	Maintained deviation reports? Problem corrected? No problems reported since prev.	\square_{Y}	\square_N	NA
	Maintained compliance plan, if applicable?		ΠN	_/

PA	ART VI: LEAK DETECTIO	N AN	D REF	PAIRS				
1.	Does the responsible official c inspection?	onduct	a (wee	kly for sm	all sources, bi-weekly) leal		tion and	repair
2.	Has the facility maintained a l	eak log	<u>;</u> ?			¥Υ	\square_{N}	
3.	Does the responsible official of	heck tl	ne follo	owing areas	for leaks:			
	Hose connections, fitting couplings, and valves	ΔY	ΠN	\square_{NA}	Muck cookers	. ☑ Y		□na
	Door gaskets and seating	Y	□N	□NA	Stills	ĭ¥Y	\square_{N} [□NA
	Filter gaskets and seating	☑y	□N	□NA	Exhaust dampers	☑Y		□NA
	Pumps	ĭy	\square N	□NA	Diverter valves	Y	□N	□na
	Solvent tanks and containers	ŰУ	\square_N	□NA	Cartridge Filter housing	☑Y	□ _N I	□na
	Water separators	ΔY	\square_{N}	\square NA				
4.	Which method of detection is Visual examination Physical detection Odor (noticeable p Use of direct-readi Halogen leak detect If using direct-reading instru	n (cond (airflowere odd ere odd ng instetor	lensed w.felt (or) rumen	solvent of e through gas tation (FID)	exterior surfaces) kets) /PID/calorimetric tubes)			/ (
	a Capable of detecting pe	rc vap	or con	centrations i	in a range of 0-500 ppm.	···	□y [⊒ N
	b. Calibrated against a stan	dard ga	as prio	r to and afte	r each use(PID/PID only).	gamente de la companya de la company	□ Y [ΠN
	c. Inspected for leaks and o	bvious	signs	of wear on a	weekly basis?		□Y 〔	□N
	d. Kept in a clean and seco	are are	a wher	not/in use.			□Y (□N
	e. Verified for accuracy by	use of	duplic	ate samples	(calorimetric only)?		□Y	□N
	Inspector's Name (Please Printing Inspector's Signature)	orit)	IS .		Daye of Ins 4 / 5 Approximate Date	pection 79 of Nex	ı t Inspec	tion

FACII	LITY DETAILS:	
FACILITY NAME: Hanson	Cleaners	
Dry Cleaning Machine #1:		
Manufacturer ATAX E	-conomaticapacity 55 lbs	
Model# <u>3055 TB</u> S Serial# <u>3</u> .	227 Mfg yr <u>1986</u>	
Dry Cleaning Machine #2:		
Manufacturer	lbs	
Model# Serial#	Mfg yr	
Boiler:		
Manufacturer <u>Industrial</u> B Secral # 201093 model # Ps Model # 201093 model # Ps	oiler Co. Hp 13 Si53PVGAS Mfgyr 1986	
Fuel Type: Natural gas? A propane?		
Notification (unpermitted sources only):		
1. Was the facility assisted in filling out the r	notification by the inspector?	Á
2. Did the facility insist on filling out its own	notification, and will send it to FDEP? \Box Y \Box N \bigvee	K
Record keeping:	·	
	e design accuracy of the temperature sensor? Y N or 7.2°C w/accuracy of ±1.1°C)	
Hazardous Waste:		
1. Is all perc. contaminated wastewater either	treated or disposed of properly?	
2. If wastewater is evaporated, is it an approve	d system, and using carbon filtration?	
3. Does the facility have secondary containm	ent for the dry-dry machine?	
4. Does the facility have secondary containm	ent for any perc. waste containers?	
Comments:		

par

AIRS 10#: 1030301

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	anson	Cleaners	MED	DA?	TE: 3/11/99
FACILITY LOCATION: 12	1963 [Natsingh	amorrol.		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	200,	FL 3-34997	Air Monitoring Solle Sources		
	0 ,	of	Air Mornton		
Annual Reporting Period: 50	rtem b	e = 15, 8 Mor	Sile Sould TO	March	11, 1999
Based on each term or condition of the 62-213.300, Florida Administrative Co					DEP Rule □NO
If NO, complete the following:					
#1. Term or condition of the general pe	ermit that ha	s not been in continuo	ous compliance d	uring the reporting po	eriod stated above:
Exact period of non-compliance: from			to		
Action(s) taken to achieve compliance:					
Method used to demonstrate compliance	::		· · ·		· · · · · · · · · · · · · · · · · · ·
#2. Term or condition of the general pe	rmit that has	s not been in continuo	us compliance du	uring the reporting pe	riod stated above:
Exact period of non-compliance: from			to		
Action(s) taken to achieve compliance:					
Method used to demonstrate compliance	: <u> </u>	· ·	-		
As the responsible official, I hereby cert made in this notification are true, accur upon rolling averages of purchase recei year for transfer or combination facilitie	ate and comp pts, does not	plete. Further, my an	nual consumption	n of perchloroethylen	e solvent, based
	Name (Pleas	M. HANGON se Print)	1 ls	mature Man	3-11-99 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 INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030301 001 DATE: 3/11/99 TIME IN: 10:240 otime OUT: 11:100.00
FACILITY NAME: Hanson Cleaners, Inc.
FACILITY LOCATION: 12963 Walsingham Rd.
Largo, FL, 33776
RESPONSIBLE OFFICIAL:Thomas M. Hanson Phone No.:
Permit No. 1030301-001-AG Exp. Date: 08/23/2001
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.).

Inspection Summary Report Guidance

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):

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 indicatin 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:	ma			
Phone Number: 464-4422				

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

⋈

	ANNUAL [RE-INSPECTION [OMPLAINT/DISCOVERY	
AIRS ID#: 1030301 001 FACILITY NAME:	• 1	1	TIME IN: 10:240 ATIME OUT	
FACILITY LOCATION:			·	
_	Largo, FL, 3377		4.00	
RESPONSIBLE OFFICIAL	:Thomas M. Hans	son	PHONE:	
CONTACT:			PHONE:	
PART I: NOTIFICATION				
(Check appropriate box)				
1. Existing facility notified D	ARM By 9/1/96			<u></u>
2. New facility notified DAR	M 30 days prior to sta	rtup		
3. Facility failed to notify DA	.RM to use general pe	ermit		
PART II: CLASSIFICATIO)N			
Facility indicated on notificat (Check appropriate box)	on form that it is:	0	No notification form Drop store / out of business / petro	oleum
A. 1. Existing small area so dry-to-dry only, x<140 transfer only, x<200 gaboth types, x<140 gal/y (Constructed before 12	urce	2.	New small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed on or after 12/9/91)	
3. Existing large area so dry-to-dry only, 140 <x (constructed="" 12<="" 140<x<1,8="" 200<x<1="" before="" both="" only,="" td="" transfer="" types,=""><td>urce ☑ <2,100 gal/yr ,800 gal/yr 00 gal/yr /9/91)</td><td>4.</td><td>New large area source dry-to-dry only, 140 < x < 2,100 gal transfer only, 200 < x < 1,800 gal/y both types, 140 < x < 1,800 gal/yr (Constructed on or after 12/9/91)</td><td>☐ l/yr r</td></x>	urce ☑ <2,100 gal/yr ,800 gal/yr 00 gal/yr /9/91)	4.	New large area source dry-to-dry only, 140 < x < 2,100 gal transfer only, 200 < x < 1,800 gal/y both types, 140 < x < 1,800 gal/yr (Constructed on or after 12/9/91)	☐ l/yr r
This is a correct facility classi	fication: 🗹 Y	IN 🗆 Ca	n not determine	
If no, please check the ap facility qualified for facility exceeds abo	or a general permit as i	number		
B. The total quantity of percifacility was 173,8		ourchased v	vithin the preceding 12 months by	this dry 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	ПN	□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	ПN	□NA	
5.	Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	☐ Y	ŪΝ	☑ NA	
PA	RT IV: PROCESS VENT CONTROLS				
In	Part II-A:				
	If classification (1) has been checked, no controls are required. Proceed to Pa	ırt V.			
	If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	denser	
	If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a i must ha	efrigerat ve 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	ПN		
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	ΠN		
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	☑ Y	□ N	□ NA	
6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	□N		

R				
٦.	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?	ĭ¥Y	□N	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20° F?	□y □y		□NA □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? Assured that the sampling port on the carbon adsorber exhaust for measuring perc.	□Y □Y		□na □na
	concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□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?	ПY	□N	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS			
H:	as the responsible official: heck appropriate boxes)			
1.	Maintained receipts for perc purchased?	$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$	ΠN	
2.			T 1	
	Maintained rolling monthly averages of perc consumption?	V		
3.	Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	ŬY	□N	
3.	Maintained leak detection inspection and repair reports for the following:		□N	□na
3.	Maintained leak detection inspection and repair reports for the following:		□N □N	□na □na
	• • • • • •			
	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 replaced w/in 2 days and parts installed w/in 5 days of receipt? (pump seal parts ordered to repair leak and leak repaired replaced w/in 2 days and parts installed w/in 5 days of receipt?			□NA
	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 replaced w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	⊴ Y ⊴ Y □ Y		□na ☑na
4. 5. 6.	Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired replaced 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?	ØY ØY OY OY		□na ☑na
4. 5. 6.	Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired replaced 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?	ØY ØY □Y □Y ŪY		□na ☑na ☑na

PA	ART VI: LEAK DETECTIO	N AND RE	PAIRS		
1.	Does the responsible official of inspection?	detection and repair			
2.	Has the facility maintained a l	eak log?			™Y □N
3.	Does the responsible official of	heck the foll	owing areas	s for leaks:	
	Hose connections, fitting couplings, and valves	MY ON	□na	Muck cookers	☑Y □N □NA
	Door gaskets and seating	ØY □N	□NA	Stills	□y □n ☑na
	Filter gaskets and seating	Øy □N	□NA	Exhaust dampers	ØY □N □NA
	Pumps	MY □N	□NA	Diverter valves	My On Ona
	Solvent tanks and containers	Øy □N	□NA	Cartridge Filter housing	Øy □n □na
	Water separators	□N □N	□NA		
4.	Which method of detection is Visual examinatio Physical detection Odor (noticeable puse of direct-read) Halogen leak detection				
	If using direct-reading instr		- 1		
	a Capable of detecting po		$\sim 1/1$	//	
	b. Calibrated against a star		#11	`	
	c. Inspected for leaks and		` [·	
	d. Kept in a clean and sec				
	e. Verified for accuracy by	use of duplic	cate samples	s (calorimetric only)?	UY UN
	Inspector's Name (Please Pri	nt)		Date of Ins Approximate Date	pection Of Next Inspection

.AIRS 10#: 1030301

pal

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	2502	Clear	rers	· · · · · · · · · · · · · · · · · · ·	_DATE: _	1/4/99
FACILITY LOCATION:129	163 V	Clear	ham	Rd,	••	, ,
		FL 33				
Annual Reporting Period: Mac	ch 11	1999	то	Septem	iber 14	1999
Based on each term or condition of the Title V g 62-213.300, Florida Administrative Code (F.A.						lNO
If NO, complete the following:						
#1. Term or condition of the general permit tha	has not been	in continuous c	ompliance d	uring the repor	Agreciod si	
Exact period of non-compliance: from	· -	• .	to	Bur	ρ, '	
Action(s) taken to achieve compliance:		·		¢ /	Var Air	999
Method used to demonstrate compliance:			• •		OCT 1 19 Mobile Sources	O ₇₇₀
#2. Term or condition of the general permit tha	has not been	in continuous c	ompliance d	uring the repor	ting period st	ated above:
Exact period of non-compliance: from	· 		to	· 		_
Action(s) taken to achieve compliance:						
Method used to demonstrate compliance:	١	•	· · · · · · · · · · · · · · · · · · ·			
As the responsible official, I hereby certify, base made in this notification are true, accurate and upon rolling averages of purchase receipts, does year for transfer or combination facilities. RESPONSIBLE OFFICIAL: THOMPS	complete. Fu	rther, my annua	l consumption	on of perchloro	ethylene solv	ent, 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.

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL 🗹	COMPLAINT/DI	SCOVERY 🗖	RE-INSPECTION	
	1030301 001		1 1	9:438 IME IN: <u>10:43</u> &	TIME OUT: 112	17a.m.
FACILITY	NAME:	<u>Hanson</u>	Cleaners, Inc.		•	
FACILITY	LOCATION:	12963 Wa	alsingham Rd			
		Largo, FL	, 33776		· · · · · · · · · · · · · · · · · · ·	
RESPONSI	BLE OFFICIA	L: Thomas M	. Hanson	Phone I	No.: 593-1944	
Permi	t No1030301-00	01-AG Exp	o. Date: 08/23/2001			
<u> </u>		-	nce requirements evalu 300, Florida Administr	•	ection, the facility is found	l to be in
		-	nce requirements evalu	• .	ection, the following comp	oliance

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:	· · · · · · · · · · · · · · · · · · ·
<u> </u>	
If the Inspection Summary Report indicates follow-up as measures to achieve compliance. Pinellas County will properties actions have been taken.	ctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by: Jeffrey Morris	
Inspector's Signature:	
Phone Number: 464-4422*	·

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY
AIRS ID#: 1030301 001		9 TIME IN: 9:43am TIME OUT: 11:17amm.
FACILITY NAME:	Hanson Cleaners, 1	inc.
FACILITY LOCATION:	12963 Walsingham Rd	1
	Largo, FL, 33776	
RESPONSIBLE OFFICIA	L: Thomas M. Hanson	PHONE: 593-1944
CONTACT:	Thomas Hanson	PHONE: <u>593-1944</u>
PART I: NOTIFICATION	I	
(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: CLASSIFICATI	ON	
Facility indicated on notifica (Check appropriate box)	ation form that it is:	No notification form Drop store / out of business / petroleum
A. 1. Existing small area and dry-to-dry only, x<14 transfer only, x<200 both types, x<140 galacter (Constructed before)	source O gal/yr gal/yr f/yr 12/9/91)	2. New small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed on or after 12/9/91)
3. Existing large area so dry-to-dry only, 140-4 transfer only, 200-x-1 both types, 140-x-1, (Constructed before	source	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 clas	sification: 🗹Y 🗥 🕻	Can not determine
facility qualified	appropriate classification: for a general permit as numbe bove limits and is not eligible	·
	·	sed within the preceding 12 months by this dry cleaning
facility was 260,6	gallons.	
1		

	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	ΠN	☐ NA	
	2.	Examining the containers for leakage?	ĭ¥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?	ĭ¥	□N	□NA	
	5.	Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	QΥ	ŪΝ	⊠na	
	<u></u>	THE STATE OF THE S		<u>.</u>		
	_	RT 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 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	ted	
		If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated cor	ndenser	
	A.	Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		·	
	1.	Equipped all machines with the appropriate vent controls?	Y	ΠN		
	2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	₫ Y	ΠN	□NA	
	3.	Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	₫ Y	ΠN	□NA	
	4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	A Y	ΠN		
	5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	⊈Y.	DΝ	□NA	
	6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	₫ Y	DΝ		
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?	Ø Y	□N	
Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20°F?	□Y □Y	□n □n	□na □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 □Y	□n □n	□na □na
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
Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Y	ΠN	□NA
Routed airflow to the carbon adsorber (if used) at all times?	ПY	□ _N	□NA
ART V: RECORDKEEPING REQUIREMENTS			
as the responsible official: heck appropriate boxes)			
Maintained receipts for perc purchased?	Øγ	□N	
Maintained rolling monthly averages of perc consumption?			
Maintained leak detection inspection and repair reports for the following:	ЧY	∟ IN	
a. documentation of leaks repaired w/in 24 hrs? or; (pamp values	y ⊡ Y	\square_{N}	\square NA
a. documentation of leaks repaired w/in 24 hrs? or;	YED(□N □N	□NA
repaired 7/24/98	/	□n □n □n	□NA □NA □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?	Z Y		□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? Maintained calibration data? (for direct reading instrument only)	['] ⊠Y □Y		□NA ☑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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	DY DY	□n □n	□NA ☑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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?		□N □N □N	□na Ina Ina
	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? 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? 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? 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? Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	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? 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? 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? 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? Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	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? 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? 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? 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; and downstream from no other inlet? Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?

PA	PART VI: LEAK DETECTION AND REPAIRS						
1.	Does the responsible official coinspection?	leak detection and repair					
2.	Has the facility maintained a le	ak log	;?			CY ON	
3.	Does the responsible official c	heck tł	ne follo	owing area	as for leaks:		
	Hose connections, fitting couplings, and valves	Y	ΩN	□NA	Muck cookers	My On Ona	
	Door gaskets and seating	ØΥ	ΠN	\square NA	Stills	OY ON YNA	
	Filter gaskets and seating	☑Y	□N	□NA	Exhaust dampers	Y ON ONA	
	Pumps	ØΥ	ΠN	□NA	Diverter valves	MY ON ONA	
	Solvent tanks and containers	ΨY	ΠN	\square_{NA}	Cartridge Filter housi	ng 🖳 🗆 N 🗆 NA	
	Water separators	Y	ΠN	□NA			
4.	Which method of detection is Visual examination Physical detection Odor (noticeable p Use of direct-readi Halogen leak detect If using direct-reading instru	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c					
				_	s in a range of 0-500 ppr	n. QY QN	
	b. Calibrated against a stan	dard g	as prio	r to and af	ter gach use(PID/FID only	y). 🔲Y ŪN	
	c. Inspected for leaks and o	bvious	signs	of wear or	a weekly basis?	□y □n	
	d. Kept in a clean and seen	are are	a wher	n not in us	e.	$\square_{\mathrm{Y}} \ \square_{\mathrm{N}}$	
	e. Verified for accuracy by	□y □n					
	Inspector's Name (Please Print) Inspector's Signature Jeff Morais Option Option Date of Inspection Approximate Date of Next Inspection						

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL COMPLAINT/DISCOVERY	RE-INSPECTION 🗆
AIRS ID#: 1030301 001	date: <u>9/15/98</u> time in: <u>3/</u> 05	PATIMIPOUT: 3720pm
FACILITY NAME:	Hanson Cleaners, Inc.	is Nor
FACILITY LOCATION:	12963 Walsingham Rd.	onlito O
· -	Largo, FL, 33776	
RESPONSIBLE OFFICIA	L: Thomas M. Hanson Phone	: <u>593-1944</u>
Permit No. 1030301	-001-AG Exp. Date: <u>08/23/2001</u>	
■ Based of the res	sults of the compliance requirements evaluated duri	ng this inspection, the facility is

Inspection Summary Report Guidance

compliance <u>discrepancies</u> were noted (only items which are checked):

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 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.						
<u> </u>	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: Jeffrey Morris	· · · · · · · · · · · · · · · · · · ·						
	Inspector's Signature:	gruo						
_	Phone Number: 464-4422							

PENCHLOROETHYLENE DRY CLEANE...S TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

M

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/D	ISCOVERY .		
AIRS ID#: 1030301 001 FACILITY NAME:	DATE: 9/ Hanson Clea	/		JSpatime ou	•	β _e m.
		-				_
FACILITY LOCATION:	12963 Walsing				<u> </u>	
	Largo, FL, 33	776			-	
RESPONSIBLE OFFICIA	L: Thomas M. Ha	nson		PHONE: 5	73-194 4	<u>†</u>
CONTACT:	Thomas	s Hans	On	PHONE:	<u>593-194</u>	<u>4</u>
PART I: NOTIFICATION	I					
(Check appropriate box)						
1. Existing facility notified	DARM By 9/1/96				Š	1
2. New facility notified DA	RM 30 days prior to s	startup				_
3. Facility failed to notify I	ARM to use general	permit	, *	•]
				· ·		-
PART II: CLASSIFICAT	ON					
Facility indicated on notific (Check appropriate box)	ation form that it is:		No notification Drop store / ou	form of business / petr	roleum	
A. 1. Existing small area dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before)	I/yr ·	2.	New small are dry-to-dry only transfer only, x both types, x < (Constructed o	a source , x<140 gal/yr <200 gal/yr 40 gal/yr n or after 12/9/91)	
3. Existing large area and 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 are dry-to-dry only transfer only, 2 both types, 140 (Constructed o	a source , 140 <x<2,100 ga<br="">,00<x<1,800 gafy<br="">,<x<1,800 gafyr<br="">,n or after 12/9/91</x<1,800></x<1,800></x<2,100>	ul/yr /r)	
This is a correct facility class	ssification:	□N □ Ca	ın not determine			· · ·
II —	appropriate classificat for a general permit a bove limits and is not	s number				
B. The total quantity of perfacility was) purchased v	vithin the preced	ing 12 months by	this dry clean	ing

DADE HI CENEDAL CON			· == :				
PART III: GENERAL CONT	FROL REQUIREMENTS						
Is the responsible official of the (check appropriate boxes)	e dry cleaning facility:	1	. •				
1. Storing perchloroethylene in	ŬY	\square N	. □NA				
2. Examining the containers for	or leakage?	Y	ΠN	□NA			
3. Closing and securing machi	ne doors except during loading/unloading?	Y	ΠN				
4. Draining cartridge filters in least 24 hours prior to dispose	their housing or in sealed containers for at osal?	Y	ПN	□NA			
5. Maintaining solvent-to- carb beds according to the manu	oon ratios and steam pressure for carbon adsorber facturer's specifications?	□ Y	□N	 ✓ NA			
PART IV: PROCESS VENT	CONTROLS						
In Part II-A:							
If classification (1) has been	n checked, no controls are required. Proceed to Pa	art V.					
If classification (2) has been (complete A below)	n checked, the machine should be equipped with a	a refrige	rated con	denser			
condenser or a carbon adsor	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 (complete A and B below.)	n checked, the machine should be equipped with a	a refrige	rated con	denser			
A. Has the responsible official (check appropriate boxes)	al of all new sources and existing large area sou	irces:					
1. Equipped all machines with	the appropriate vent controls?		ΠN				
2. Equipped dry-to-dry machin	es with a closed-loop vapor venting system?	☑ Y	□N	□ NA			
3. Equipped the condenser with away from the condenser up	n a diverter valve so airflow will be directed on opening the door?	A Y	ΠИ	□NA			
4. Measured and recorded the refrigerated condenser on a	temperature of the outlet exhaust stream of a weekly bi-weekly basis?	⊈ Y	ΠN				
5. Repaired or adjusted the eq temperature of the condens	uipment within 24 hours if the exhaust ser exceeded 45°F?	☑ Y	ΠN	□NA			
	nonitoring after an appropriate cool down period ant had been completely charged?	☑ Y	□N	·			
ı							

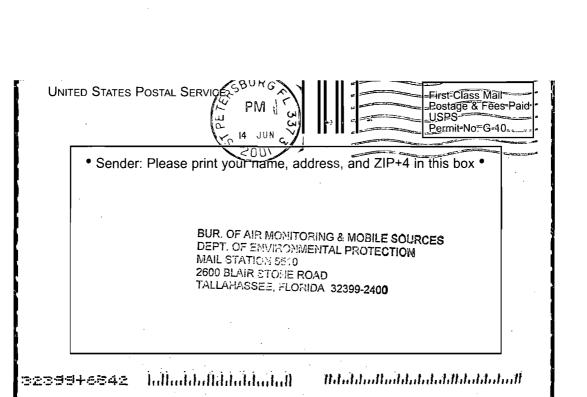
-				
В.	Has the responsible official of an existing large or new large area source also:			
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ΨY	□N	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20° F?	□Y □Y		□na □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? Assured that the sampling port on the carbon adsorber exhaust for measuring perc.	□ Y □ Y	□n □n	□na □na
	concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□Y	□N	□na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Υ	□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: neck appropriate boxes)			
1.	Maintained receipts for perc purchased?	₫y	\square_{N}	
2.	Maintained rolling monthly averages of perc consumption?	Μv	□lini	
3.	Maintained leak detection inspection and repair reports for the following:	4 1		
	a. documentation of leaks repaired w/in 24 hrs? or; (No problems >	ПY	\square N	⊠NA
	b. documentation of parts ordered to repair leak and leak repaired tenorted, w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Previous insp.	\square_{Y}	\square N	MNA
4.	Maintained calibration data? (for direct reading instrument only) Previous inspi	\square_{Y}	\square N	⊠NA
	Maintained exhaust duct monitoring data on perc concentrations?	ΠY	\square N	D NA
6.	Maintained startup/shutdown/malfunction plan?	ØY	\square N	
7.	Maintained deviation reports? Problem corrected? Maintained compliance plan, if applicable? No problems reported since prev.	\square_{Y}	\square_N	©na ⊡na
	Problem corrected? reported since prev.		_	- L.
	Problem corrected?	ЦY	\square N	MNA

PA	ART VI: LEAK DETECTION	N AN	D REI	PAIRS			
1.	Does the responsible official of inspection?	conduc	t a wee	kly	small sources, bi-weekly) lea	k detect	
2.	Has the facility maintained a l	eak log	g?			ŊY	\square N
3.	Does the responsible official of	heck t	he foll	owing ar	reas for leaks:		
	Hose connections, fitting couplings, and valves	ΔY	\square_N	□NA	Muck cookers		□n □na
	Door gaskets and seating	T Y	\square_N	□NA	Stills	ĭ₹Y	□n □na
	Filter gaskets and seating	Øy	ŪΝ	□NA	Exhaust dampers	₽Y	□n □na
	Pumps	ĭy	□N	□NA	Diverter valves	Y	□n □na
	Solvent tanks and containers	ÜY	\Box N	□NA	Cartridge Filter housing	¥Y	□N □NA
	Water separators	✓Y	\square_N	□na			
4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector If using direct-reading instrumentation, is the equipment:							
	a Capable of detecting pe	erc vap	or con	centratio	ns in a range of 0-500 ppm.	ميديد ور	\square_{Y} \square_{N}
	b. Calibrated against a star	idard g	as prio	r to and a	after each use(PID/FID only).	and the second second	$\square_{Y} \square_{N}$
	c. Inspected for leaks and	obviou	signs	of wear	on a weekly basis?		$\square_{Y} \square_{N}$
	d. Kept in a clean and sec	ure are	a wher	n not/in ι	ise.		□Y □N
	e. Verified for accuracy by	use of	duplic	ate samp	oles (calorimetric only)?		\square_{Y} \square_{N}
	Inspector's Name (Please Ari	nt)	TIS		9/15 Dage of Ins 4/15 Approximate Date	Spection 99 of Nex	n ct Inspection
	71/17/1				,		-

FACILITY DETAILS:		· ·
FACILITY NAME: Hanson Cleaners		
Dry Cleaning Machine #1:		
Manufacturer ATAX Economotic Capacity 55 lbs Model# 5055 TB5 Serial# 3227 Mfg yr 1986		
Dry Cleaning Machine #2:		
Manufacturer Capacity lbs		
Model# Serial# Mfg yr		
Boiler:		
Manufacturer <u>Industrial Boiler Co.</u> Hp <u>15</u> Serial# 201093 Model PSIS 3PVGAS Mfg yr 1986		
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?		ON N/A
Record keeping: 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	□N
Hazardous Waste:	,	
 Is all perc. contaminated wastewater either treated or 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? 	MY MY MY MY	□N □N □N
Comments:		
<u> </u>		

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Article Number (Copy from service label)	
PS Form 3811, July 1999 Domestic Ret	turn Receipt 102595-99-M-1789



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8	TOTAL Postage & Fees	\$
3	Postmark or Date	
Fon		
PS		

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N ADDnESS completed or	AIRS ID 1030301 HANSON CLEANERS INC THOMAS M HANSON 12963 WALSISNGHAM ROAD LARGO FL 33776	4b. Service 1 ☐ Registere ☐ Express f	Fype ad	you for using Return Receipt Service
Is your RETUR	5. Received By: (Print Name) 6. Signature: (Addressee or Agent) X PS Form 3811, December 1994	8. Addressee and fee is	e's Address (Only if requested paid) Domestic Return Receipt	Thank
i	1010mi 9011 poccinosi 1004			

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	TOTAL Postage & Fees	\$	
PS Form 3	Postmark or Date 2//7/97		

syour <u>RETURN ADDRESS</u> completed on the reverse side	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. Addressee's Address 2. Restricted Delivery Consult postmaster for fee.	
	AIRS ID#: 1030301 HANSON CLEANERS INC THOMAS M HANSON 12963 WALSISNGHAM ROAD LARGO FL 33776	4b. Service ☐ Registere ☐ Express I	e Type ered Certified as Mail Insured Receipt for Merchandise COD	
	5. Received By: (Print Name) 6. Signature? (Addressee or Agent) X PS Form 3811, December 1994	8. Addressee's Address (Only if requested and fee is paid) Domestic Return Receipt		



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