

# PERC Dry Cleaner Air Quality Compliance Calendar 2021



## Contact Information:

Air Regulations – Rebecca Arthur

Phone: (334) 271-7884

E-mail: [rebecca.arthur@adem.alabama.gov](mailto:rebecca.arthur@adem.alabama.gov)

Industrial Hazardous Waste Branch – Bailee Dykes

Phone: (334) 279-3061

E-mail: [bailee.dykes@adem.alabama.gov](mailto:bailee.dykes@adem.alabama.gov)

Trust Fund – Ashley Powell

Phone: (334) 271-7703

E-mail: [ashley.powell@adem.alabama.gov](mailto:ashley.powell@adem.alabama.gov)

Ombudsman's Office – James W. Grassiano

Phone: (334) 279-3071

E-mail: [jgrassiano@adem.alabama.gov](mailto:jgrassiano@adem.alabama.gov)

EPA ID. No. – Adrian Corbitt

Phone: (334) 274-4163

E-mail: [acorbitt@adem.alabama.gov](mailto:acorbitt@adem.alabama.gov)

**Alabama Department of Environmental Management**

**Physical Address: 1400 Coliseum Blvd., Montgomery, AL 36110-2400**

**Mailing Address: P. O. Box 301463, Montgomery, AL 36130-1463**

**Website: [adem.alabama.gov](http://adem.alabama.gov)**

**Phone: (334) 271-7700**

**Facility Name:**

**Address:**


**Phone:**

**Machine #:**


**Serial #:**

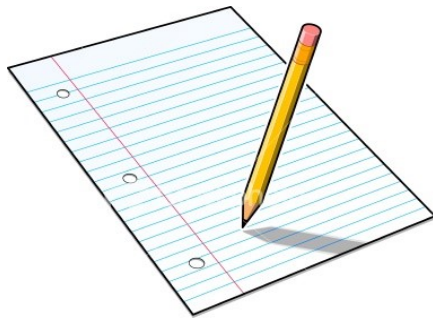
**EPA ID. #:**

# When to contact the Air Division:

-  Send a completed copy of the PERC Dry Cleaner Status Update (Form 436) when you are:
- ✓ Opening a new facility
  - ✓ Changing ownership
  - ✓ Closing your store
  - ✓ Becoming a pick-up store
  - ✓ Adding a new machine (PERC or petroleum)
  - ✓ Removing a machine (PERC or petroleum)
  - ✓ Updating your business telephone number or address
  - ✓ Are changing cleaning solvents



-  Please contact the Air Division if you:
- ✓ Need assistance with recordkeeping requirements
  - ✓ Have lost or misplaced records
  - ✓ Require additional calendars



## Contact:

**Rebecca Arthur**

**(334) 271-7884 (phone & fax)**

**[rebecca.arthur@adem.alabama.gov](mailto:rebecca.arthur@adem.alabama.gov)**



## INSTRUCTIONS FOR USING THIS CALENDAR

You may use this calendar to keep the records required by ADEM-Air Division for air program compliance. **Keep these records at your facility and available for review for 5 years from the date of each record.**

**(Inspections are always unannounced.)**

### YEARLY PERC CONSUMPTION/12-MONTH ROLLING TOTAL LOG

Line ↓	Yearly PERC Consumption 12-Month Rolling Total Log (Example of Log for January 2021)		
1	125	(gallons)	1. Enter the 12-Month Rolling Total from <b>December 2020</b> .
2	(-) 20	(gallons)	2. Enter the total gallons of PERC purchased during <b>January 2020</b> .
3	(=) 105	(gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is your <b>SUBTOTAL</b> .
	<b>Gallons of PERC Purchased</b>	<b>Date Received (MM/DD/YY YY)</b>	4. Record this month's PERC purchases (January 2021 as instructed below:  Each time PERC is received, enter the number of gallons and date received in the spaces provided (Line 4a, 4b, 4c, or 4d). Space for up to 4 shipments of PERC has been provided. This should be sufficient for most facilities.  <b>IF NO PERC IS RECEIVED THIS MONTH, enter a zero ("0") in each unused block.</b>
4a	(+) 20	Jan 15, 2021	
4b	(+) 0	Jan __, 2021	
4c	(+) 15	Jan 25, 2021	
4d	(+) 0	Jan __, 2021	
5	(=) 140	(gallons)	5. <b>Add</b> the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in Line 5. This is your <b>12-MONTH ROLLING TOTAL</b> for January 2021. Transfer this number to Line 1 of the "Yearly PERC Consumption Rolling Total Log" for <b>February 2021</b> .

**NOTE:** This log is **NOT** complete until you have completed Steps 1-5. The **12-MONTH ROLLING TOTAL** must be entered in **Line 5**.

### REFRIGERATION SYSTEM HIGH/LOW PRESSURE LOG & WEEKLY REFRIGERATED CONDENSER MONITORING LOG

Effective July 11, 2008, condenser performance monitoring may be done by **either** of the prescribed methods (pressure or temperature), regardless of whether or not a pressure gauge is present. If you elect to monitor condenser temperature, check the **outlet temperature gauge** of the condenser unit at the end of the drying cycle **every week**. Record the date and **actual temperature** reading in the space provided being sure to indicate if the temperature is °F or °C. The temperature reading should be less than or equal to 45 °F (≤ 7.2 °C). **If the temperature reading is above 45°F (≤ 7.2 °C), the machine must be repaired.** If you elect to monitor condenser pressure, record the dates and results of the weekly monitoring of the refrigeration system **high pressure and low pressure** during the drying phase to determine if they are within **the range specified in the manufacturer's manual**. The manufacturer's range of specification, which includes the unit of measurement, must be documented in the spaces provided on the log. **If the pressures are not within this range, the machine must be repaired.**

### SECONDARY CONTROL DEVICE (CARBON ADSORBER)

All machines installed on or after December 21, 2005, must be equipped with **both** a refrigerated condenser and a carbon adsorber. The carbon adsorber must be operated according to the manufacturer's specifications and desorbed according to manufacturer's instructions.

### LEAK DETECTION AND REPAIR (LDAR) LOG

For all machines, you must conduct a leak detection inspection for perceptible leaks (i.e. sights, smell, feel) at the frequency specified. If this facility has historically purchased **140 gallons or more** (but less than 2,100 gallons) of PERC per year, your facility is classified as a **large area source**<sup>1</sup> and you are required to conduct **weekly** leak detection inspections and record the results. If this facility has historically purchased **less than 140 gallons** of PERC per year, your facility is classified as a **small area source** and you are required to conduct leak detection inspections **biweekly** (every other week) and record the results.

The inspection must be conducted while the machine is in operation, and you must record the date and results of each inspection in the space provided on the log at the time the observation is made. If leaks are found, they must be repaired within 24 hours. Indicate in the "DATE REPAIRED" block when repairs are completed. If parts must be purchased, indicate the date(s) they are ordered and the date(s) installed. Parts must be ordered within **2** working days of leak detection and installed within **5** working days of receipt.

Effective July 28, 2008, you must also conduct an enhanced **monthly** leak detection inspection using a **Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA)**. This inspection is referred to as an "Enhanced LDAR inspection". You must place the probe inlet at the surface of each component interface where leakage could occur and move it slowly along the interface periphery. The inspection must be conducted while the machine is in operation, and you must **record the date and results** of each inspection in the space provided on the log at the time the observation is made. This inspection satisfies the requirement for one of the weekly inspections per month for perceptible leaks as specified above.

<sup>1</sup> If ever in the history of your facility your yearly PERC purchases were 140 gallons or more (but less than 2,100 gallons), you will always be classified as a **large area source**. EPA does not allow category changes due to decreases in PERC consumption.

## January 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Jan __, 2021			°F / °C
Jan __, 2021			°F / °C
Jan __, 2021			°F / °C
Jan __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log	
1	(gallons)	1. Enter the 12-Month Rolling total from <b>December 2020</b> (Jan 2020 to Dec 2020).
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>January 2020</b> ).
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
4a	(+)	4. Record this month's PERC purchases ( <b>January 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4b	(+)	
4c	(+)	
4d	(+)	
5	(=) (gallons)	
5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for January 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>February 2021</b> .		

NOTE: This log is **NOT COMPLETE** until you have completed Steps 1-5. The 12-Month Rolling Total **must be** entered in Line 5.


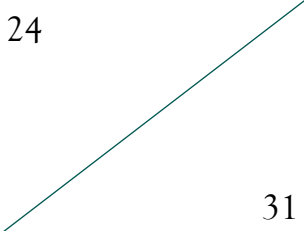
### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected→	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	Jan __, 2021	Jan __, 2021	Jan __, 2021	Jan __, 2021	Jan __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <b>once per month</b> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action

# January 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p style="text-align: center;"><b>Air Quality Compliance Tip:</b> Take time <u>now!</u> Transfer all the monthly PERC purchase totals (from lines 4a-4d) from the 2020 calendar to line 2 of the corresponding month in this calendar. You'll thank yourself later!</p>					<p><b>1 New Year's Day/ Trust Fund Fees Due</b>  <input type="checkbox"/> Calculate PERC  <b>12-Month Rolling Total</b></p>	2
3 	4	5	6	7 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	8	9
10	11	12 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	13	14 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	15	16
17	18 <b>MLK Day</b>	19	20	21 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	22	23
24 	25	26	27	28 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	29 <input type="checkbox"/> <b>Transfer January's Rolling Total (Line 5) to February's log (Line 1)</b>	30
31						

**Hazardous Waste Tip:** A Generator must keep a copy of each manifest for three years or until they receives a signed copy from the designated facility which received the waste. This signed copy must be retained for at least three years.

## February 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Feb __, 2021			°F / °C
Feb __, 2021			°F / °C
Feb __, 2021			°F / °C
Feb __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	


Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>January 2021</b> (Feb 2020 to Jan 2021).	
2	(-)	(gallons)	2. Enter the total gallons of PERC purchased during <b>THIS SAME MONTH LAST YEAR (February 2020)</b> .
3	(=)	(gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the <b>SUBTOTAL</b> .
Add Gallons of PERC Purchased February 2021 ↓		Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>February 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  <u>-If no PERC is received this month, enter a zero (0) in each unused block.</u>  <b>- Keep copies of all PERC purchases.</b>
4a	(+)	Feb __, 2021	
4b	(+)	Feb __, 2021	
4c	(+)	Feb __, 2021	
4d	(+)	Feb __, 2021	
5	(=)	(gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for February 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>March 2021</b> .
NOTE: This log is <b>NOT COMPLETE</b> until you have completed Steps 1-5. The 12-Month Rolling Total <b>must be</b> entered in Line 5.			

### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected"    Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	Feb __, 2021	Feb __, 2021	Feb __, 2021	Feb __, 2021	Feb __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <u>once per month</u> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")				
Name	Date	Time	Observations	Date & Nature of Remedial Action

# February 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 <input type="checkbox"/> Calculate PERC 12-Month Rolling Total	2	3	4 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	5	6
7	8	9	10	11 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	12	13
14	15 President's Day  	16 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	17	18 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	19	20
21	22	23	24	25 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	26 <input type="checkbox"/> <b>Transfer February's Rolling Total (Line 5) to March's log (Line 1)</b>	27
28	<p><b>Air Quality Compliance Tip:</b> If you require additional Dry Cleaner Compliance Calendars, please use the contact information on the cover. If you require a PERC Dry Cleaner Status Update Form (ADEM Form 436) or the Petroleum Solvent Dry Cleaning Questionnaire (ADEM Form 440) both can be found online at <a href="http://www.adem.state.al.us/DeptForms">www.adem.state.al.us/DeptForms</a>. ADEM Form 436 can also be found in the back of this calendar.</p>					

**Hazardous Waste Tip:** Liability for hazardous waste does not end when it is no longer in your possession. You are potentially liable for any mismanagement of your hazardous waste.

## March 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Mar __, 2021			°F / °C
Mar __, 2021			°F / °C
Mar __, 2021			°F / °C
Mar __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log	
1	(gallons)	1. Enter the 12-Month Rolling total from <b>February 2021</b> (Mar 2020 to Feb 2021).
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>March 2020</b> ).
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
Add Gallons of PERC Purchased March 2021 ↓		4. Record this month's PERC purchases ( <b>March 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4a	(+)	
4b	(+)	
4c	(+)	
4d	(+)	
5	(=) (gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for March 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>April 2021</b> .

**NOTE: This log is NOT COMPLETE until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.**

### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)


Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected"    Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
Mar __, 2021								
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <b>once per month</b> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action



# March 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 <input type="checkbox"/> Calculate PERC 12-Month Rolling Total	2	3	4 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	5	6
7	8	9 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	10	11 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	12	13
14	15	16	17 	118 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	19	20
21	22	23	24	25 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	26	27
28	29	30	31 <input type="checkbox"/> Transfer March's Rolling Total (Line 5) to April's log (Line 1)	<b>Air Quality Compliance Tip: <u>DO NOT ENTER "RESULTS" IN ADVANCE</u> for condenser monitoring and leak detection inspections.</b> These are <u>observational</u> recordings, so record what you see, even if it is consistently the same.		

**Hazardous Waste Tip:** All hazardous waste containers in storage must be visibly marked with the words "Hazardous Waste," the required EPA waste numbers, and a start accumulation date.

## April 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C) If the temperature is above 45°F (7.2°C), your machine is in need of repair.
	High	Low	
Apr __, 2021			°F / °C
Apr __, 2021			°F / °C
Apr __, 2021			°F / °C
Apr __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>March 2021</b> (Apr 2020 to Mar 2021).	
2	(–) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>April 2020</b> ).	
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.	
Add Gallons of PERC Purchased April 2021 ↓		Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>April 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4a	(+)	Apr __, 2021	
4b	(+)	Apr __, 2021	
4c	(+)	Apr __, 2021	
4d	(+)	Apr __, 2021	
5	(=)	(gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for April 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>May 2021</b> .

**NOTE: This log is NOT COMPLETE until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.**

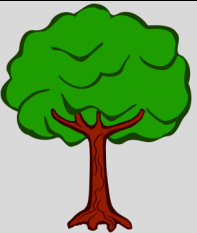
### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
Apr __, 2021	Apr __, 2021	Apr __, 2021	Apr __, 2021	Apr __, 2021	Apr __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <b>once per month</b> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action

# April 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Air Quality Compliance Tip:</b> Federal PERC NESHAP §63.323(d) requires that the rolling total calculations and PERC purchases for the previous month be recorded and calculated on the first day of every month. For example, the rolling total and PERC purchase calculations for March should all be completed <u>on or by</u> April 1.				1 <input type="checkbox"/> Calculate PERC <b>12-Month Rolling Total</b> <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	2	3
4	5	6	7	8 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	9	10
11	12	13 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	14	15 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	16	17
18	19	20	21	22 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	23	24
25	26	27	28	29 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	30 <b>Arbor Day</b> <input type="checkbox"/> Transfer April's Rolling Total (Line 5) to May's log (Line 1)	

**Hazardous Waste Tip:** Hazardous waste may only be offered to transporters that have an EPA identification number and an Alabama waste transporter permit.

## May 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C) If the temperature is above 45°F (7.2°C), your machine is in need of repair.
	High	Low	
May __, 2021			°F / °C
May __, 2021			°F / °C
May __, 2021			°F / °C
May __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Yearly PERC Consumption/12-Month Rolling Total Log		
Line		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>April 2021</b> (May 2020 to Apr 2021).
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>May 2020</b> ).
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
Add Gallons of PERC Purchased May 2021 ↓		4. Record this month's PERC purchases ( <b>May 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4a	(+)	
4b	(+)	
4c	(+)	
4d	(+)	
5	(=) (gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for May 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>June 2021</b> .
NOTE: This log is <b>NOT COMPLETE</b> until you have completed Steps 1-5. The 12-Month Rolling Total <b>must be</b> entered in Line 5.		

### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	May __, 2021	May __, 2021	May __, 2021	May __, 2021	May __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <u>once per month</u> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")				
Name	Date	Time	Observations	Date & Nature of Remedial Action

# May 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p><b>Air Quality Compliance Tip:</b> ALL records, including PERC purchase receipts, should be kept current and available for view <b>AT ALL TIMES</b>. There should always be someone available who is familiar with the machine and records.</p> <p style="text-align: center;"><b><u>Inspections are always unannounced.</u></b></p>						<p>1</p> <input type="checkbox"/> Calculate PERC 12-Month Rolling Total
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	<div style="text-align: center;"> </div>	31		<input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	<input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel <input type="checkbox"/> <b>Transfer May's Rolling Total (Line 5) to June's log (Line 1)</b>	

Hazardous Waste Log: You may add absorbent to waste in a container, or waste to absorbent in a container, without a permit, provided these actions occur at the time the waste is first placed in the container.

## June 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Jun __, 2021			°F / °C
Jun __, 2021			°F / °C
Jun __, 2021			°F / °C
Jun __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>May 2021</b> (Jun 2020 to May 2021).	
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>June 2020</b> ).	
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.	
Add Gallons of PERC Purchased June 2021 ↓		Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>June 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4a	(+)	Jun __, 2021	
4b	(+)	Jun __, 2021	
4c	(+)	Jun __, 2021	
4d	(+)	Jun __, 2021	
5	(=)	(gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for June 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>July 2021</b> .

**NOTE: This log is NOT COMPLETE until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.**


### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected"    Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
Jun __, 2021	Jun __, 2021	Jun __, 2021	Jun __, 2021	Jun __, 2021	Jun __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <b>once per month</b> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action

# June 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b><u>Monitoring records (excluding hazardous waste) are to be retained onsite for a period of five years.</u></b>		1 <input type="checkbox"/> Calculate PERC 12-Month Rolling Total	2	3 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	4	5
6 	7	8 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	9	10 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	11	12
13	14	15	16	17 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	18	19
20	21	22	23	24 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	25	26
27	28	29	30 <input type="checkbox"/> Transfer June's Rolling Total (Line 5) to July's log (Line 1)	Air Quality Compliance Tip: <u>A hazardous waste log is <b>not</b> an acceptable alternative to copies of PERC purchases.</u> Federal PERC NESHAP §63.323 (d) dictates the specific requirement that PERC purchase receipts are to be onsite.		

**Hazardous Waste Tip:** If your facility generates between 100 kg and 1,000 kg of hazardous waste per month, then your facility is considered a Small Quantity Generator (SQG) and must submit an ADEM Form 8700-12 (Notification of your Regulated Waste Activity) each year.

## July 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Jul __, 2021			°F / °C
Jul __, 2021			°F / °C
Jul __, 2021			°F / °C
Jul __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log	
1	(gallons)	1. Enter the 12-Month Rolling total from <b>June 2021</b> (Jul 2020 to Jun 2021).
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>July 2020</b> ).
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
Add Gallons of PERC Purchased July 2021↓		4. Record this month's PERC purchases ( <b>July 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  <u>-If no PERC is received this month, enter a zero (0) in each unused block.</u>  <b>- Keep copies of all PERC purchases.</b>
4a	(+)	
4b	(+)	
4c	(+)	
4d	(+)	
5	(=) (gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for July 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>August 2021</b> .

NOTE: This log is NOT COMPLETE until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.

### Leak Detection and Repair (LDAR) Log

(See "Instructions for Use" page to determine the required frequency of inspections)


Date(s) Inspected→	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered <small>(Within 2 days of leak detection)</small>	Date Parts Received	Date Repaired <small>(within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)</small>
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
Jul __, 2021	Jul __, 2021	Jul __, 2021	Jul __, 2021	Jul __, 2021	Jul __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <u>once per month</u> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <u>MONTHLY</u> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action



# July 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Air Quality Compliance Tip:</b> The components of your dry cleaner machine must be inspected monthly using a halogenated hydrocarbon detector (HHD) <u>while the machine is operating</u> , in addition to the weekly leak detection inspections.				1 <input type="checkbox"/> Calculate PERC <b>12-Month Rolling Total</b> <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	2	3
4 <b>Independence Day</b> 	5	6	7	8 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	9	10
11	12	13 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	14	15 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	16	17
18	19	20	21	22 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	23	24
25	26	27	28	29 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	30	31 <input type="checkbox"/> <b>Transfer July's Rolling Total (Line 5) to August's log (Line 1)</b>

**Hazardous Waste Tip:** Any single waste stream accumulation point cannot exceed a combined quantity of 55 gallons.

## August 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Aug __, 2021			°F / °C
Aug __, 2021			°F / °C
Aug __, 2021			°F / °C
Aug __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	


Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>July 2021</b> (Aug 2020 to Jul 2021).	
2	(-)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>August 2020</b> ).	
3	(=)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.	
Add Gallons of PERC Purchased August 2021 ↓		Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>August 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  <u>-If no PERC is received this month, enter a zero (0) in each unused block.</u>  <b>- Keep copies of all PERC purchases.</b>
4a	(+)	Aug __, 2021	
4b	(+)	Aug __, 2021	
4c	(+)	Aug __, 2021	
4d	(+)	Aug __, 2021	
5	(=)	(gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for August 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>September 2021</b> .
NOTE: This log is <b>NOT COMPLETE</b> until you have completed Steps 1-5. The 12-Month Rolling Total <u>must be</u> entered in Line 5.			

### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	Aug __, 2021	Aug __, 2021	Aug __, 2021	Aug __, 2021	Aug __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <u>once per month</u> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")				
Name	Date	Time	Observations	Date & Nature of Remedial Action

# August 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 <input type="checkbox"/> Calculate PERC 12-Month Rolling Total	2	3	4	5 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	6	7 
8	9	10 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	11	12 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	13	14
15	16	17	18	19 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	20	21
22	23	24	25	26 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	27	28
29	30	31 <input type="checkbox"/> Transfer August's Rolling Total (Line 5) to September's log (Line 1)	<b>Air Quality Compliance Tip:</b> The check boxes on the calendar serve as a reminder for your weekly monitoring and leak checks, and not which day you are supposed to monitor your machine. As long as you monitor your machine every seven days, any day of the week you prefer is acceptable if your monitoring is consistent.			

**Hazardous Waste Tip:** A hazardous waste determination must be conducted on all solid wastes generated.

## September 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Sept __, 2021			°F / °C
Sept __, 2021			°F / °C
Sept __, 2021			°F / °C
Sept __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	


Line	Yearly PERC Consumption/12-Month Rolling Total Log	
1	(gallons)	1. Enter the 12-Month Rolling total from <b>August 2021</b> (Sept 2020 to Aug 2021).
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>September 2020</b> ).
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
Add Gallons of PERC Purchased September 2021 ↓		4. Record this month's PERC purchases ( <b>September 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - Keep copies of all PERC purchases.
4a	(+) (gallons)	
4b	(+) (gallons)	
4c	(+) (gallons)	
4d	(+) (gallons)	
5	(=) (gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for September 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>October 2021</b> .

**NOTE: This log is NOT COMPLETE until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.**

Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)								
Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
Sept __, 2021	Sept __, 2021	Sept __, 2021	Sept __, 2021	Sept __, 2021	Sept __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <u>once per month</u> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")				
Name	Date	Time	Observations	Date & Nature of Remedial Action

# September 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p><b>Air Quality Compliance Tip:</b> If you are having issues with your PERC machines or they do not operate for several weeks, please make a notation in the event that a question is raised during an inspection.</p>			1 <input type="checkbox"/> Calculate PERC 12-Month Rolling Total	2 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	3	4
5	6 <b>Labor Day</b> 	7 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	8	9 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	10	11
12	13	14	15	16 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	17	18
19	20	21	22	23 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	24	25
26	27	28	29	30 <input type="checkbox"/> Transfer September's Rolling Total (Line 5) to October's log (Line 1) <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	<p>If you operate more than one PERC machine at your facility, <u>each machine should have it's own calendar to record pressure and/or temperature, PERC purchases, rolling total calculations, and leak detections and repairs.</u></p>	

**Hazardous Waste Tip:** Containers having a capacity greater than 30 gallons must not be stacked over two containers high.

## October 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Oct __, 2021			°F / °C
Oct __, 2021			°F / °C
Oct __, 2021			°F / °C
Oct __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>September 2021</b> (Oct 2020 to Sept 2021).	
2	(-)	(gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>October 2020</b> ).
3	(=)	(gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
	Add Gallons of PERC Purchased October 2021 ↓	Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>October 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - Keep copies of all PERC purchases.
4a	(+)	Oct __, 2021	
4b	(+)	Oct __, 2021	
4c	(+)	Oct __, 2021	
4d	(+)	Oct __, 2021	
5	(=)	(gallons)	5. Add the numbers in Lines 3, 4a, 4b, 4c, and 4d and enter the result in Line 5. This is your 12-Month Rolling Total for October 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>November 2021</b> .
NOTE: This log is <u>NOT COMPLETE</u> until you have completed Steps 1-5. The 12-Month Rolling Total <u>must be</u> entered in Line 5.			

### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	Oct __, 2021	Oct __, 2021	Oct __, 2021	Oct __, 2021	Oct __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <u>once per month</u> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <u>MONTHLY</u> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action



## November 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Nov __, 2021			°F / °C
Nov __, 2021			°F / °C
Nov __, 2021			°F / °C
Nov __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>October 2021</b> (Nov 2020 to Oct 2021).	
2	(-)	(gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>November 2020</b> ).
3	(=)	(gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.
	Add Gallons of PERC Purchased November 2021 ↓	Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>November 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4a	(+)	Nov __, 2021	
4b	(+)	Nov __, 2021	
4c	(+)	Nov __, 2021	
4d	(+)	Nov __, 2021	
5	(=)	(gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for November 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>December 2021</b> .

**NOTE: This log is NOT COMPLETE until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.**

### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)


Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	Nov __, 2021	Nov __, 2021	Nov __, 2021	Nov __, 2021	Nov __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <b>once per month</b> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action



# November 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 <input type="checkbox"/> Calculate PERC 12-Month Rolling Total	2	3	4 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	5	6
7	8	9	10	11 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	12	13
14	15	16 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	17	18 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	19	20
21	22	23	24 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	25 <b>Thanksgiving Day</b> 	26	27
28	29	30 <input type="checkbox"/> Transfer November's Rolling Total (Line 5) to December's log (Line 1)	<b>Air Quality Compliance Tip: Be sure to repair leaks within 24 hours of detection!</b> If repair parts must be ordered, then they have to be ordered within <b>2 working days</b> of the leak detection. Those parts <u>must</u> be installed within <b>5 working days</b> of their receipt. Remember to record the date and results of each inspection.			

**Hazardous Waste Tip:** Weekly inspection logs should be kept on-site for a period of three years.

## December 2021

Refrigeration System's High/Low Pressure and Condenser Temperature Monitoring Logs			
Note: Condenser performance monitoring may be done by <b>either</b> of the prescribed methods (pressure <b>or</b> temperature), regardless of whether or not a pressure gauge is present. If recording pressure, you must record <b>both</b> high and low.			
Date of reading (MM/DD/YYYY)	Actual Refrigeration System Pressures (indicate psi, bars, or atm)		Actual Condenser Temperature Reading (°F or °C)
	High	Low	If the temperature is above 45°F (7.2°C), your machine is in need of repair.
Dec __, 2021			°F / °C
Dec __, 2021			°F / °C
Dec __, 2021			°F / °C
Dec __, 2021			°F / °C
High	Low	If condenser pressure is monitored, enter the pressure range (left) specified in the manufacturer's operating instructions in order to provide a reference to determine if the pressure readings recorded during the drying cycle (above) are acceptable.	

Line	Yearly PERC Consumption/12-Month Rolling Total Log		
1	(gallons)	1. Enter the 12-Month Rolling total from <b>November 2021</b> (Dec 2020 to Nov 2021).	
2	(-) (gallons)	2. Enter the total gallons of PERC purchased during THIS SAME MONTH LAST YEAR ( <b>December 2020</b> ).	
3	(=) (gallons)	3. Subtract the number in Line 2 from the number in Line 1 and enter the result in Line 3. This is the SUBTOTAL.	
Add Gallons of PERC Purchased December 2021 ↓		Date PERC Received (MM/DD/YYYY)	4. Record this month's PERC purchases ( <b>December 2021</b> ) as instructed below. <b>-Each time PERC is received</b> , enter the number of gallons and date received in the spaces provided (lines 4a-4d). There are spaces for up to 4 shipments of PERC. This should be sufficient for most facilities. If more than 4 shipments are received, include the information for the additional shipment.  -If no PERC is received this month, enter a zero (0) in each unused block.  - <b>Keep copies of all PERC purchases.</b>
4a	(+)	Dec __, 2021	
4b	(+)	Dec __, 2021	
4c	(+)	Dec __, 2021	
4d	(+)	Dec __, 2021	
5	(=)	(gallons)	5. Add the numbers in <b>Lines 3, 4a, 4b, 4c, and 4d</b> and enter the result in <b>Line 5</b> . This is your 12-Month Rolling Total for December 2021. Transfer this number to Line 1 of the "Yearly PERC consumption /12-Month Rolling Total Log" for <b>January 2022</b> .

NOTE: This log is **NOT COMPLETE** until you have completed Steps 1-5. The 12-Month Rolling Total must be entered in Line 5.


### Leak Detection and Repair (LDAR) Log (See "Instructions for Use" page to determine the required frequency of inspections)

Date(s) Inspected →	Inspect while the dry cleaning machine(s) <i>is operating</i> Circle "N" for "No leaks detected" Circle "Y" if perceptible leaks detected					Date Part(s) Ordered (Within 2 days of leak detection)	Date Parts Received	Date Repaired (within 24 hours of detecting leak OR within 5 days of receipt of part, if needed)
	Week 1/Date ↓	Week 2/Date ↓	Week 3/Date ↓	Week 4/Date ↓	Week 5/Date ↓			
	Dec __, 2021	Dec __, 2021	Dec __, 2021	Dec __, 2021	Dec __, 2021			
Hose & Pipe Connections, Fittings, Couplings, & Valves	Y N	Y N	Y N	Y N	Y N			
Door Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Filter Gasket & Seatings	Y N	Y N	Y N	Y N	Y N			
Pumps	Y N	Y N	Y N	Y N	Y N			
Solvent Tanks & Containers	Y N	Y N	Y N	Y N	Y N			
Water Separators	Y N	Y N	Y N	Y N	Y N			
Muck Cookers	Y N	Y N	Y N	Y N	Y N			
Stills	Y N	Y N	Y N	Y N	Y N			
Exhaust Dampers	Y N	Y N	Y N	Y N	Y N			
Diverter Valves	Y N	Y N	Y N	Y N	Y N			
All Filer Housings	Y N	Y N	Y N	Y N	Y N			
Using a HHD/PGA at least <b>once per month</b> to conduct a leak detection inspection is required for all machines.	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	<input type="checkbox"/> HHD Or PGA Used	← Check this box to indicate whether the <b>MONTHLY</b> inspection was conducted using either a Halogenated Hydrocarbon Detector (HHD) or perchloroethylene gas analyzer (PGA).		

### Hazardous Waste Container Storage Area Weekly Inspection and Remediation Log (See "Small Quantity Generator Use and Management of Hazardous Waste Containers")

Name	Date	Time	Observations	Date & Nature of Remedial Action

# December 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Air Quality Compliance Tip:</b> A generic owner’s manual for your PERC machine may be obtained by calling the National Technical Information Service at (800) 553-6847, or online at <a href="http://www.ntis.gov">www.ntis.gov</a> , selecting <u>technical reports</u> at the bottom of the webpage, and searching for document No. PB95123295. You may also contact the manufacturer of your PERC machine for a copy of your manufacturer’s manual. (A fee may be associated with this document).			1 <input type="checkbox"/> Calculate PERC <b>12-Month Rolling Total</b>	2 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	3	4
5	6	7 <input type="checkbox"/> Do <u>monthly</u> leak detection inspection using Halogenated Hydrocarbon Detector (HHD) or PERC gas analyzer (PGA)	8	9 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	10	11
12	13	14	15	16 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	17	18
19	20	21	22	23 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	24	25 
26	27	28	29	30 <input type="checkbox"/> Do weekly condenser monitoring <input type="checkbox"/> Do weekly leak check by sight, smell, and feel	31 <input type="checkbox"/> Transfer December’s Rolling Total (Line 5) to January 2022’s log (Line 1)	It is a requirement to have a copy of a manual for each machine onsite!

**Hazardous Waste Tip:** Containers must be kept closed except when waste is being added or removed.

# Small Quantity Generator Use and Management of Hazardous Waste Containers

## Chapter 335-14-3 Standards Applicable to Generators of Hazardous Waste

### **Condition of containers**

If a container holding hazardous waste is not in good condition, and/or if it begins to leak, the owner or operator must transfer the hazardous waste from this container to a container that is in good condition, or manage the waste in some other way that complies with the requirements of the hazardous waste regulations.

### **Compatibility of waste with container**

The owner or operator must use a container made of or lined with materials, which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.

### **Management of containers**

- Any and all containers holding hazardous waste at a satellite accumulation point or in storage must always be closed, except when it is necessary to add or remove waste.
- Satellite accumulation containers (those in the process of being filled) cannot exceed 55 gallons combined capacity per waste stream and must be marked with the words "Hazardous Waste" or other words that identify the contents.
- A satellite container that has been filled must be marked with the date that the filling was completed and within three (3) days moved into the hazardous waste container storage area.
- A container that has been filled must be marked with the words "Hazardous Waste", the accumulation date (the date that the filling was completed), and the EPA hazardous waste number(s) for the wastes stored therein.
- Any container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
- Containers having a capacity greater than 30 gallons must not be stacked over 2 containers high.
- A total less than or equal to 13,000 pounds of hazardous waste may be accumulated on site less than or equal to 180 days if the treatment, storage, and disposal (TSD) facility is less than 200 miles away or 270 days if the TSD facility is equal to or greater than 200 miles away.

### **Hazardous Waste Weekly Inspections**

The owner or operator must inspect areas where containers are stored, at least weekly; looking for leaks and for deterioration caused by corrosion or other factors. Record in an inspection log the date and time of the inspection, name of the inspector, observations made, and the date and nature of any remedial actions. Retain the inspection records at least three (3) years, and have them available for review by Department personnel during inspections.

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**For further information, the following documents are available from ADEM's website ([adem.alabama.gov](http://adem.alabama.gov))**

**HOME PAGE ➡ ADEM PROGRAMS ➡ WASTE/REMEDIATION ➡ GUIDANCE REPORTS**

#### *Hazardous Waste: The Basics*

Answers to basic hazardous waste questions including: What is hazardous waste? Who generates hazardous waste? What must I do if I plan to generate, transport, store, treat, or dispose of hazardous waste?

#### *Hazardous Waste: The Small Quantity Generator*

Overview of the regulatory requirements governing small quantity generators of hazardous waste.

#### *Small Quantity Generator Handbook*

Guidance document prepared for determining whether one is a generator of hazardous waste.

#### *Hazardous Waste Generator Treatment Options*

Overview of allowable methods that businesses can utilize to minimize their hazardous waste on-site, including strategies to reduce the amount of hazardous waste actually generated and acceptable on-site treatment processes that do not require a permit.

#### *State Manifest Requirements*

EPA has adopted a Hazardous Waste Manifest Form used to track hazardous waste from a generator's site to the site of its disposition. The Uniform Hazardous Waste Manifests form is EPA Form 8700-22 (rev 3-05).

#### *Hazardous Waste Determination*

Guidelines for determining the regulatory status of all wastes generated in the State of Alabama.

#### *Cathode Ray Tubes (CRTs)*

Disposal of CRTs and other electronic devices generated by business and industry.

#### *Fluorescent and High-Intensity Discharge Lamps*

Disposal of fluorescent lamps and other mercury containing lamps generated by business and industry.

**PERC DRY CLEANER STATUS UPDATE**

1. Print or type the following information for EACH separately located dry cleaning facility. The owner of more than one facility should fill out a separate form for **EACH** facility. *(Make additional copies of this form, if needed.)*

Owner/Operator \_\_\_\_\_

Company Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Physical Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ County \_\_\_\_\_

Phone Number \_\_\_\_\_

2.  Initial Submission of Questionnaire     Updated Submission of Questionnaire

3. Check the box below if:

- Your dry cleaner is a **Pick-up Store (drop-off or pick-up location with no dry-cleaning machines present.)**
- Your dry cleaning facility has only coin-operated dry cleaning machines that are operated by the customers.
- Your dry cleaning plant **closed** effective \_\_\_\_\_ (date).

**If you checked any box above, you may SKIP TO NUMBER 11.**

**Return to:**

**ADEM-Air Division**

**Attn: Petroleum Unit**

**P. O. Box 301463**

**Montgomery, Al 36130-1463**

4. Write in the total volume of perchloroethylene (PERC) purchased for **ALL** of the machines at the dry cleaning plant over the past 12 months. If your facility is new and has not operated an entire year, please estimate how much PERC will be purchased in the next 12 months:

\_\_\_\_\_ Gallons (**Actual** or **Estimated**)

5. Indicate the number of machines of each type that is located at your facility:

\_\_\_\_\_ Dry-to-Dry

\_\_\_\_\_ Transfer

6. Are records of perceptible leaks, parts ordered, repairs, refrigerated condenser temperature monitoring, PERC purchases, etc., being kept?

Yes    No

*(If no is checked, these records are a requirement. Your facility should begin keeping these records. They should be kept for five years and be readily available for inspection.)*

7. Are you using the **20\_\_ Dry Cleaner Compliance Calendar** for recordkeeping?

Yes    No

8. Provide the following information for EACH MACHINE at your plant. If you have more than 4 machines at your plant, make additional copies of this form.

	Machine 1	Machine 2	Machine 3	Machine 4
Machine Type (Circle one)	Dry-to-Dry Transfer	Dry-to-Dry Transfer	Dry-to-Dry Transfer	Dry-to-Dry Transfer
Date Machine was installed				
Control Device (refrigerated condenser or carbon adsorber)				
Date Control Device was installed				

9. If there has been a change in ownership at this facility in the past 12 months, please indicate below.

\_\_\_\_\_

Name Date

10. Has there been a change from PERC to another cleaning agent?  Yes  No

If so, indicate the type of cleaning agent and date of changeover. \_\_\_\_\_

\_\_\_\_\_

*\*If you are now utilizing a petroleum solvent, you will be required to complete the Petroleum Solvent Dry Cleaning Questionnaire (ADEM Form 440), which can be found on our website [www.adem.alabama.us/DeptForms](http://www.adem.alabama.us/DeptForms)*

11. Print or type the name and title of the Responsible Official for the dry cleaning plant:

\_\_\_\_\_

Name Title

\_\_\_\_\_

Signature Date

Please return this form to:

**ADEM-Air Division**  
**Attn: Petroleum Unit**  
**P. O. Box 301463**  
**Montgomery, AL 36130-1463**