

2020 DRY CLEANER COMPLIANCE CALENDAR



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF COMMUNITY ENGAGEMENT

Small Business Environmental Assistance Program



Dry Cleaners Compliance Calendar



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Calendar Instructions

General Instructions

This calendar contains all the record-keeping elements that you need to comply with the State and Federal rules. Please fasten the calendar directly to your perc dry cleaning machine. Complete the logs and charts for each month to fulfill your recordkeeping requirements.

REMEMBER THE CALENDAR IS YOUR ANNUAL RECORD OF COMPLIANCE — YOU MUST KEEP THE CALENDAR FOR A PERIOD OF 5 YEARS.

Read regulatory requirements and definitions that begin on page 30.

Weekly Equipment Inspections

If you buy **140 gallons or more** of perc per year, you must check your machine **weekly** for leaks and record the results.

If you buy **less than 140 gallons** of perc per year, you must conduct and record leak inspections **at least every other week**.

Record the results of the inspections on the calendar. If leaks are found, or pressures or temperatures are not correct, your machine must be repaired within 24 hours, if replacement parts are on-site. See below instructions for Repair Log.

Circle the method of inspection "P" for perceptible (feel, see or smell), or "D" for using the Detector. Also when you use the Hydrocarbon Detector for your monthly leak check you do not have to do the perceptible leak check for that week. You may use the Hydrocarbon Detector for each of your weekly checks, if you prefer this method.

• **Beginning on July 28, 2008**, you must inspect your machine and its components on a monthly basis using a "Halogenated Hydrocarbon Detector," if your machine was installed prior to July 27, 2006. If your machine was installed on or after July 27, 2006, you must begin using the Halogenated Hydrocarbon Detector from the date of installation of your machine.

• **How to Use the Detector:** Make sure the batteries are good, and that the tip of the wand is clean and not contaminated with perc. Keep the tip 1 inch from the surface of the gaskets, connections, seals, etc., that you are inspecting and move it very slowly, approximately 1 inch per second. Remember that you will have to do the testing during each of the cycles of the machine while components of the machine are being used: the wash cycle, the dry cycle and the distillation cycle. Read the directions for your detector to understand the identification of a leak, e.g. a rapid sound or rapid light pulse. A quantity of 25 ppm is now the definition of a "perc leak." If the detector registers a leak, the leak must be repaired according to the repair schedules.

Repair Log

If leaks are found, or pressures or temperatures are not correct, your machine must be repaired within 24 hours, if replacement parts are on-site. In the Repair Log, please provide the inspection date and a description of the required repair; as well as the dates that the necessary part or parts were ordered, received and installed, and the date that the repair was completed. Parts must be ordered within 2 working days of leak detection and installed within 5 working days of receipt.

Repair Log — EXAMPLE 1				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired
1/4/15 door gasket leaking (no replacement parts onsite)	1/6/16	1/15/16	1/21/16	1/22/16

Repair Log — EXAMPLE 2				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired
1/4/15 door gasket leaking (have replacement parts onsite)			1/4/16	1/5/16

Calendar Instructions continued

Refrigerated Condenser Monitoring Log

Refrigerated Condenser Monitoring Log					
Week	1	2	3	4	5
If your machine has pressure gauges: Record pressures of high and low pressure gauges.					
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.					
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N

A. If your machine has pressure gauges:

- Record the pressures of the high and low pressure gauges.
- Indicate if the pressures are within the machine specifications by marking Y for yes, or N for no. If you circle N, your machine must be repaired.

B. If your machine does not have pressure gauges:

- Record the outlet temperature of the refrigerated condenser prior to the end of the cool down cycle while the gas-vapor stream is still flowing through the condenser.
- Indicate if the temperature less than or equal to 45°F (7.2°C). Circle Y for yes, or N for no. If you circle N, the machine must be re-paired.

C. If you are still operating a Transfer System:

Transfer machines should no longer be used as of July 27, 2008.

Secondary Carbon Adsorber Monitoring

A. When a carbon adsorber is vented and is used on a machine installed before September 22, 1993:

- Measure the perc concentration at the outlet vent of the carbon adsorber on the last machine cycle prior to the desorption of the carbon adsorber, or the replacement of the charcoal. You must use a colorimetric tube and the perc concentration must be less than or equal to 100 ppm with an accuracy of ± 25 ppm by volume.
- Indicate whether the perc concentration is less than 100 ppm, by circling Y for yes, or N for no.
- If the readings do not meet the required limits, desorb the carbon adsorber according to the machine manufacturers' instructions and take the readings again during another cycle. If they still do not meet the required specification, the machine needs to be repaired.

B. When a non-vented carbon adsorber is used to pass the gas vapor stream through the adsorber prior to door being opened on a machine installed after Dec. 21, 2005:

- Measure final perc concentration, by placing a colorimetric detector tube or a PCE gas analyzer into the open space above the articles of clothing at the rear of the dry cleaning machine drum immediately upon opening the door. The reading should be less than or equal to 300 ppm with an accuracy of ± 75 ppm by volume.
- Indicate whether the perc concentration is less than 300 ppm, by circling Y for yes, or N for no.
- If the readings do not meet the required limits, desorb the carbon adsorber according to the machine manufacturer's instructions and take the readings again during another cycle. If they still do not meet the required specification, the machine needs to be repaired.

Calendar Instructions continued

Perc Purchases Running Total

This chart must be completed each month. Below is an example of how to complete the Perc Purchases Running Total chart.

Perc Purchases Running Total		
Total from Last Month <i>(i.e., DECEMBER 2019)</i>		55
Subtract PERC Purchased <i>(i.e., JANUARY 2019)</i>		- 10
Subtotal		45
Purchase Date	Purchase Amount	12 Month Running Total
1/16/2020	+ 15	60
	+	

Enter Running Total from previous month

Enter the amount PERC you purchased during the same month last year, using last year's records or calendar. Subtract that amount

This your 12-Month running total, if you did not purchase PERC this month

This is your 12-Month running total if you purchased PERC this month. Record the bottom number in this column on next month's form in line "Total from Last Month".

Record date PERC was purchased

If you purchased PERC this month, record the amount and add it to the Subtotal. This amount will also go on next year's calendar for the same month under "Subtract PERC Purchased".

You may contact either of the MDEQ staff listed below for assistance if you have questions about calculations, recordkeeping or required monitoring.

Bryan Williams, Air Toxics Branch
Office of Pollution Control
(601) 961-5799
bwilliams@mdeq.ms.gov

Trayce Thomas, Small Business Assistance Coordinator
Office of Community Engagement
(601) 961-5793
tthomas@mdeq.ms.gov

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle P erception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					



Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased January 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

January 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1  Happy New Year	2	3 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	4
5	6	7	8	9	10 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	11
12	13	14	15	16	17 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	18
19	20 	21	22	23	24 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	25
26	27	28	29	30	31 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired


Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased February 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	
Waste Generation/Treatment Log – See Back Cover		

February 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2 	3	4	5	6	7 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	8
9	10	11	12	13	14 VALENTINE'S DAY  Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	15
16	17 	18	19	20	21 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	22
23	24	25	26	27	28 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	29

March 2020 _____

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					




Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased March 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

March 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	7
8 Daylight Savings Time Begins 	9	10	11	12	13 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	14
15	16	17 	18	19 	20 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	21
22	23	24	25	26	27 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	28
29	30	31				

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased April 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

April 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	4
5	6	7	8	9	10 GOOD FRIDAY Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	11
12 	13	14	15 	16	17 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	18
19	20	21	22 	23	24 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	25
26	27	28	29	30		

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased May 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

May 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	2
3	4	5	6	7	8 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	9
10 	11	12	13	14	15 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	16
17	18	19	20	21	22 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	23
24	25 	26	27	28	29 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	30
31						

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased June 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

June 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	6
7	8	9	10	11	12 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	13
14	15	16	17	18	19 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	20 
21 	22	23	24	25	26 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	27
28	29	30				

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased July 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

July 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	4 
5	6	7	8	9	10 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	11
12	13	14	15	16	17 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	18
19	20	21	22	23	24 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	25
26	27	28	29	30	31 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased August 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

August 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	8
9	10	11	12	13	14 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	15
16	17	18	19	20	21 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	22
23	24	25	26	27	28 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	29
30	31					

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased September 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

September 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	5
6	7 	8	9	10	11 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	12
13 	14	15	16	17	18 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	19
20	21	22  FALL BEGINS	23	24	25 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	26
27	28	29	30			

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased October 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

October 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	3
4	5	6	7	8	9 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	10
11	12  Columbus <i>Day</i>	13	14	15	16 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	17
18	19	20	21	22	23 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	24
25	26	27	28	29	30 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	31 HALLOWEEN 

November 2020 _____

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					






Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased November 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

November 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Daylight Savings Time Ends 	2	3 	4	5	6 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	7
8	9	10	11 	12	13 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	14
15 AMERICA RECYCLES DAY™ 	16	17	18	19	20 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	21
22	23	24	25	26 	27 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	28
29	30					

Weekly Equipment Inspections						
Are the components without leaks? Circle Y for yes, or N for no.						
Method: choose one. Circle Perception for touch, sight or smell, or D for use of detector		P D	P D	P D	P D	P D
Week		1	2	3	4	5
wash cycle	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Machine door gasket and seating	Y N	Y N	Y N	Y N	Y N
	Pumps	Y N	Y N	Y N	Y N	Y N
	Button trap	Y N	Y N	Y N	Y N	Y N
	Filter housings	Y N	Y N	Y N	Y N	Y N
	Filter gaskets and seating	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
dry cycle	Deodorizing and aeration valves on dryers	Y N	Y N	Y N	Y N	Y N
	Air and exhaust ductwork	Y N	Y N	Y N	Y N	Y N
	Heating and cooling coil doors	Y N	Y N	Y N	Y N	Y N
	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Lint trap	Y N	Y N	Y N	Y N	Y N
distillation, misc	Hose connections, unions, couplings & valves	Y N	Y N	Y N	Y N	Y N
	Water separators	Y N	Y N	Y N	Y N	Y N
	Distillation unit	Y N	Y N	Y N	Y N	Y N
	Solvent tanks	Y N	Y N	Y N	Y N	Y N
	Muck coolers	Y N	Y N	Y N	Y N	Y N
	Waste tanks and storage containers	Y N	Y N	Y N	Y N	Y N

Repair Log				
Inspection Date and Description of Repair	Date Part Ordered	Date Part Received	Date Part Installed	Date Repaired

Week	1	2	3	4	5
Date					
Staff Initials					

Refrigerated Condenser Monitoring Log						
Week	1	2	3	4	5	
If your machine has pressure gauges: Record pressures of high and low pressure gauges.						
Are pressure gauges within the ranges specified in the manual?	Y N	Y N	Y N	Y N	Y N	
If your machine does NOT have pressure gauges: Record refrigerated condenser outlet temperature.						
Is the temperature gauge $\leq 45^{\circ}\text{F}$?	Y N	Y N	Y N	Y N	Y N	

Secondary Carbon Absorber Monitoring					
Week	1	2	3	4	5
Is perc concentration less than 100 ppm? (for machines that vent to carbon adsorbers immediately upon machine door opening)	Y N	Y N	Y N	Y N	Y N
Is perc concentration less than 300 ppm? (for machines that vent to carbon adsorbers prior to machine door opening)	Y N	Y N	Y N	Y N	Y N

Perc Purchases Running Total		
Total from Last Month		
Subtract Perc Purchased December 2019	-	
Subtotal		
Purchase Date	Purchase Amount	12 Month Running Total
	+	
	+	

Waste Generation/Treatment Log – See Back Cover

December 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	5
6	7	8	9	10	11 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	12
13	14	15	16	17	18 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	19
20	21 Winter Begins 	22	23	24 	25  Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	26
27	28	29	30	31 		



Dry Cleaners Compliance Calendar



REGULATORY OVERVIEW

The Clean Air Act of 1990 directed the United States Environmental Protection Agency (EPA) to regulate the emissions of 189 chemical compounds designated as Hazardous Air Pollutants (HAPs). The Perchloroethylene that you use in your dry cleaning machine, also known as "perc," is one of the chemicals. Perc is the most commonly used chemical cleaning solvent used by dry cleaners.

In September 1993, EPA issued national regulations to control air emissions of perc from dry cleaners. These regulations created operational standards and control technology requirements to reduce perc air emissions from dry cleaning operations.

More recently, EPA was required to strengthen the existing regulations due to potential health risks caused by perc. Perc is considered to be a potential cause of cancer. Congress and EPA mandated that the health hazard caused by perc be regulated to limit exposure to the chemical. On July 27, 2006, EPA published additional new regulations for perc dry cleaners which revised the 1993 rule. The 2006 rule requires monthly inspection for leaks using a halogenated leak detector (or perc gas analyzer), and, if needed, repairing and maintaining records for such leaks. The 2006 rule requires additional emission controls for new drycleaner shops that have erected or installed new or used dry cleaning machine systems after December 21, 2005. The new rule also created special requirements for dry cleaning shops that are located in buildings containing residences, "co-residential." Fortunately, Mississippi has very few of co-residential dry cleaning shops.

This calendar will help you keep accurate records for both the State and Federal reporting requirements. It is an effective tool to maintain your records and your compliance with both the old and revised Mississippi and Federal EPA Perchloroethylene Dry Cleaner Regulations. Remember the calendar is your Annual Record of Compliance. You must keep these (records) calendars for a period of 5 years. Also, remember that it is your responsibility to let us know if your address changes, or if the ownership of your shop changes.

You must have a copy of the operations manual for your machine, your refrigeration condenser and carbon adsorber on-site at all times.

REGULATORY CITATIONS

EPA Requirements: 40 CFR 63.320 through 40 CFR 63.325, Subpart M--Perchloroethylene Dry Cleaning Facilities



Dry Cleaners Compliance Calendar



DEFINITIONS

- Ancillary equipment** - the equipment used with a dry cleaning machine in a dry cleaning system including, but not limited to, emission control devices, pumps, filters, muck cookers, stills, solvent tanks, solvent containers, water separators, exhaust dampers, diverter valves, interconnecting piping, hoses and ducts.
- Biweekly** - any 14-day period of time.
- Carbon adsorber** - a bed of activated carbon into which an air-perc vapor stream is routed and which adsorbs the perc on the carbon.
- Colorimetric detector tube** - a glass tube (sealed prior to use), containing a chemical that changes color when exposed to perc and is designed to measure the concentration of perc in air.
- Construction** - the onsite fabrication, erection, or installation of a dry cleaning system.
- Diverter valve** - a flow control device that prevents room air from passing through a refrigerated condenser when the door of the dry cleaning machine is open.
- Dry cleaning machine drum** - the perforated (meaning with holes in it) container inside the dry cleaning machine that holds the articles during dry cleaning.
- Dry cleaning system** - a dry-to-dry machine and its ancillary equipment.
- Dryer** - a machine used to remove perc from articles by tumbling them in a heated air stream (sometimes called reclaimer).
- Dry-to-dry machine** - a one-machine dry cleaning operation in which washing and drying are performed in the same machine.
- Exhaust damper** - a flow control device that prevents the air-perc vapor stream from exiting the dry cleaning machine into a carbon adsorber before room air is drawn into the dry cleaning machine.
- Existing (for September 1993 rule)** - commenced construction or reconstruction before December 9, 1991.
- Existing (for July 2006 rule)** - commenced construction or reconstruction before December 21, 2005.
- Filter** - a porous device through which perc is passed to remove contaminants in suspension. Examples include, but are not limited to, lint filter, button trap, cartridge filter, tubular filter, regenerative filter, prefilter, polishing filter and spin disc filter.
- Halogenated hydrocarbon detector** - a portable device capable of detecting vapor concentrations of perc of 25 parts per million (ppm) by volume and indicating a concentration of 25 ppm by volume or greater by emitting an audible or visual signal that varies as the concentration changes.
- New (for September 1993 rule)** - commenced construction or reconstruction on or after December 9, 1991.
- New (for July 2006 rule)** - commenced construction or reconstruction on or after December 21, 2005.

PCE gas analyzer - a flame ionization detector, photoionization detector, or infrared analyzer capable of detecting vapor concentrations of perc of 25 parts per million by volume.

Perceptible leaks - any perc vapor or liquid leaks that are obvious from:

1. the odor of perc;
2. visual observation, such as pools or droplets of liquid; or
3. the detection of gas flow by passing the fingers over the surface of equipment.

Reconstruction - replacement of a washer, dryer, or reclaimer; or replacement of any components of a dry cleaning system to such an extent that the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable new source.

Refrigerated condenser - a vapor recovery system into which an air-perc vapor stream is routed and the perc is condensed by cooling the gas-vapor stream.

Responsible official - one of the following:

1. for a corporation: a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more dry cleaning facilities;
2. for a partnership: a general partner;
3. for a sole proprietorship: the owner; or
4. for a municipality, State, Federal, or other public agency: either a principal executive officer or ranking official.

Still - any device used to volatilize and recover perc from contaminated perc.

Transfer machine system - a multiple-machine dry cleaning operation in which washing and drying are performed in different machines. Examples include, but are not limited to:

1. a washer and dryer(s);
2. a washer and reclaimer(s); or
3. a dry-to-dry machine and reclaimer(s).

Vapor leak - a perc vapor concentration exceeding 25 parts per million by volume (50 parts per million by volume as methane) as indicated by a halogenated hydrocarbon detector or PCE (perc) gas analyzer.

Washer - a machine used to clean articles by immersing them in perc. This includes a dry-to-dry machine when used with a reclaimer.

Water separator - any device used to recover perc from a water-perc mixture, includes evaporators.

STORE CLASSIFICATION AND REQUIREMENTS

This chart will help you classify your facility, determine what controls you need, and determine what leak detection and monitoring is required.

Classification Based on Yearly Perc Usage	Classification Based on Date Machine Purchased and Installed	Controls Required	Leak Detection Monitoring Required
Small Area Source dry-to-dry only: less than 140 gals	Existing New or used dry cleaning machine initially installed before December 21, 2005.	Refrigerated Condenser (unless installed before December 9, 1991, then no controls are required)	Monthly: halogenated hydrocarbon detector (starting July 28, 2008) Every 2 Weeks: perceptible leak check (smell, touch, sight)
	New New or used dry cleaning machine initially installed on or after December 21, 2005.	Refrigerated Condenser Must recirculate perc vapor stream through non-vented carbon absorber before door can open	Monthly: halogenated hydrocarbon detector (starting July 27, 2006, or on date installed) Every 2 Weeks: perceptible leak check (smell, touch, sight)
Large Area Source dry-to-dry only: 140 gals up to 2,100 gals	Existing New or used dry cleaning machine initially installed before December 21, 2005.	Refrigerated Condenser (unless installed before September 22, 1993, then Refrigerated Condenser, or Existing Carbon Absorber)	Monthly: halogenated hydrocarbon detector (starting July 28, 2008) Every 2 Weeks: perceptible leak check (smell, touch, sight)
	New New or used dry cleaning machine initially installed on or after December 21, 2005.	Refrigerated Condenser Must recirculate perc vapor stream through non-vented carbon absorber before door can open	Monthly: halogenated hydrocarbon detector (starting July 27, 2006, or on date installed) Every 2 Weeks: perceptible leak check (smell, touch, sight)
Major Source dry-to-dry only: 2,100 gals or more	Date of purchase or installation does not make any difference in determination of this category	Refrigerated Condenser + Room Enclosure + Carbon Absorber	Monthly: perc (PCE) gas analyzer (starting July 28, 2008) Every 2 Weeks: perceptible leak check (smell, touch, sight)

** Transfer systems may not be used after July 27, 2008.*

Additional Requirements

1. Have available on-site a copy of the design specifications and the operating manuals for each dry cleaning system and each emission control device.
2. Close the door to the machine immediately after transferring articles to or from the machine, and shall keep the door closed at all other times.
3. Drain all cartridge filters in their housing, or other sealed container, for a minimum of 24 hours, or treat such filters in an equivalent manner before removal from the dry cleaning facility.
4. Store all perc waste and any wastes that contain perc such as cartridge filters.
5. Operate each dry cleaning machine or a reclaimer with a refrigerated condenser in a manner to not vent or release the air-perc gas vapor stream contained within the dry cleaning machine to the atmosphere while the dry cleaning machine drum is rotating.
6. Operate each dry cleaning machine or reclaimer to prevent any air drawn into the dry cleaning machine when the door of the machine is open from passing through the refrigerated condenser.
7. Do not bypass any carbon adsorber used on a dry-to-dry dry cleaning machine or transfer system in an attempt to vent, or release any air-perc gas-vapor stream to the atmosphere at any time.

CO-RESIDENTIAL REQUIREMENTS

The requirements listed below apply only to dry cleaning machines located in buildings with a residence, such as a house, apartment building, hotel, or condominium.

EPA has strengthened the requirements for dry cleaning facilities located buildings in which people reside, such as houses, apartments, condos and co-ops. Because residences in these co-residential buildings are located very close to these dry cleaners, residents' exposures and potential health risks can be much higher than for typical facility.

Co-Residential Facilities with Machines Installed before December 21, 2005

May not use a transfer machine.

May continue to use an existing installed perc machine at the shop until it wears out, but not beyond **December 21, 2020**.

May not relocate an existing perc machine from elsewhere to the shop.

Co-Residential Facilities with Machines Installed between December 21, 2005 and July 12, 2006

May not use a transfer machine.

May use an existing installed perc machine at the shop, but only inside a vapor barrier enclosure with its exhaust system operating at all times the dry cleaning machine operates and during maintenance.

The door to the enclosure may only be open when a person is entering or leaving the enclosure.

The perc dry cleaning machine must have a refrigerated condenser and carbon adsorber (also called a "generation 4" machine). May not use a perc machine on or after **July 27, 2009**.

Co-Residential Facilities with Machines Installed On or After July 27, 2006

May not use a perc machine after **July 27, 2009**. Must have a vapor barrier enclosure.



Dry Cleaners Compliance Calendar



HAZARDOUS WASTE REQUIREMENTS

Overview

All dry cleaners generate wastes that are considered hazardous waste. A hazardous waste is any material that has come into contact with perc and that needs disposal. Hazardous waste may include your still bottoms/muck from the muck cooker; the lint from your lint filter; the carbon filters that you may have on your carbon adsorber; the carbon filters that you may have on your evaporator or atomizer (mister); the residue that you may have in your perc/water separator, and the rags or kitty litter that you may use to clean up a spill.

Most dry cleaners are considered Conditionally Exempt Small Quantity Generators (CESQG) of hazardous waste, in other words. To be classified as CESQG, the store must generate less than 25 gallons or 220 pounds of waste per month. If you generate more, then you are considered a Small Quantity Generator (SQG). A Small Quantity Generator must have an EPA ID Number. MDEQ recommends that Conditionally Exempt Small Quantity Generators also apply for an EPA ID Number. To inquire about obtaining an EPA ID Number, please call 601-961-5305 or 601-961-5106. For other information or small business assistance, call 601.961.5171 or 1.800.725.6112.

All containers that are holding hazardous waste must be kept closed at all times and must be labeled "Hazardous Waste." Perc is very hazardous. If spilled, perc should be cleaned up immediately. It can penetrate concrete and can contaminate the environment (soil and water).

You must ensure that the company that is picking up your hazardous waste is permitted to do so. Each drum that is shipped should have a manifest that is supplied by the shipper. If you are Conditionally Exempt, the shipper will use its EPA ID Number. If you have your own, your number should go on the manifest as the shipper's number. Always make sure you know the final destination of your waste and that the destination is permitted and licensed to accept handle, store, and dispose of hazardous waste. If you have any questions, contact Robert Huckaby at 601-961-5360.

Waste Generation/Treatment Log

January 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
February 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
March 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
April 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
May 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
June 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		

July 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
August 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
September 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
October 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
November 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		
December 2020: Have you disposed of any hazardous wastes?	Yes	No
Quantity		
Ship Date		
Shipper		