



Department of the Environment

Dry Cleaner Compliance Calendar

2018 - 2019

Lawrence J. Hogan, Governor

Ben Grumbles, Secretary

Boyd K. Rutherford, Lt. Governor

SITE INFORMATION

MDE Air Facility Number –

EPA Hazardous Waste Generator Identification Number –

Hazardous Waste Facility Contact –

Perc (Tetrachloroethylene or PCE) Solvent

Perc is a toxic chemical that may produce symptoms ranging from dizziness to liver damage and respiratory failure. The maximum contaminant level for perc in drinking water is five (5) parts per billion (ppb). This means that one gallon of spilled, 100% perc could render almost 200 million gallons of water unfit for drinking.

New Air Regulations

The compliance date for meeting the new requirements is determined on the installation date of the perc machine.

Machines (installed before December 21, 2005) will require:

- PERC Detection Units -
Required by July 28, 2008
-PCE gas analyzer, or
-Halogenated hydrocarbon detector
- Additional Leak Detection -
Was determined July 28, 2008
-Monthly checks outside of all equipment, less than 25 ppm, and with a PCE gas analyzer or Halogenated hydrocarbon detector.

- Location
-Cannot be in buildings where people live after December 21, 2020

Machines (installed after December 20, 2005) will require:

- Carbon Adsorber on all machines (new and used)
- Perc Detection Units
 - PCE gas analyzer
 - Halogenated hydrocarbon detector
- Monthly checks outside of all equipment, must be less than 25 ppm, and checked with a PCE gas analyzer or halogenated hydrocarbon detector
- Location
-Cannot be in buildings where people live

Common Environmental Compliance Issues for Maryland Dry Cleaners

- **Incomplete records** – many dry cleaners do not keep the required documents for inspections, using this calendar to document your inspection checks may help you keep the required records. One example is having the perc purchase records (receipts) to back up the purchase log data.
- **Failing to obtain a permit** – Perc dry cleaners are required to obtain an air quality permit to construct before they install a new machine or relocate an existing machine.

NOTE: The compliance information on these pages does not replace the need to comply with all applicable regulations.

- **Change of ownership** – When the ownership changes for a dry cleaner, the new owners need to submit both an air registration update and a revised “Notification of Hazardous Waste Activity” form to update the EPA hazardous waste identification number within 30 days.
- If a new dry cleaning machine is installed that does not use perchloroethylene, contact the air quality permits program to determine permit requirements.
- Provide invoices to support waste disposal and perc purchase records.
- Drain filters in housing for at least 24 hours before removal
- Have owner’s manual on site.

Important Hazardous Waste Information

Maryland regulations state that a person is subject to all the hazardous waste generator regulations (“fully regulated”) if the person either:

- generates 220 pounds (100 kilograms) or more of hazardous waste in a calendar month; or
- has on site, at any time, more than 220 pounds of hazardous waste.

For perchloroethylene with a density of approximately 13.5 pounds per gallon, 220 pounds is around 16 gallons.

A fully regulated hazardous waste generator may accumulate waste on-site without a permit for up to 90 days if the generator complies with the requirements of COMAR 26.13.03.05E. (An additional 90 days is allowed under some conditions.) For a dry cleaner, hazardous waste being accumulated under this provision would have to be held in containers or tanks. Some of the

requirements of COMAR 26.13.03.05E are highlighted below. However, you should consult the regulations to determine all the requirements that apply.

- Each container that is being used to store hazardous waste needs to be marked with the date accumulation of waste in that container started.
- Waste containers must be properly labeled and marked.
- Waste containers must be kept closed except when waste is being added to the container.
- Secondary containment (such as a dike, berm or closed sump) is required for your waste storage area to collect spilled waste and prevent releases outside the facility.
- There are requirements concerning inspections, training, and contingency plans.
- Hazardous Waste Biennial Reports are due by March 1, 2008.

Perc-Contaminated Wastewater

If your facility is connected to a septic system disposing of perc-contaminated wastewater down the drain and into this onsite disposal system is prohibited. Perc can pollute underground sources of drinking water including the well that supplies your store. This may require expensive cleanup actions.

If your shop is connected to a municipal sanitary sewer system, disposing of perc-contaminated wastewater down the drain is regulated by local, state and federal requirements. You should contact your sewer system operator for details about the requirements.

Disposal of perc-contaminated wastewater into a stream or storm water drain is allowed only if authorized by a wastewater discharge permit from the Department. The permit would require the reduction of perc concentration below the maximum contamination level.

Perc-contaminated wastewater can include separator water, condensate, vacuum water and boiler blow down. These wastewaters need to be handled properly to avoid problems. Proper handling means either disposing of it as hazardous waste or treating it with a misting or evaporating unit that has the appropriate permits or authorizations. For further clarification, contact the Hazardous Waste Program at (410) 537-3345.

For more information on perc-contaminated wastewater contact the Industrial Discharge Permits Division at (410) 537-3323 or your local public works sewer authority.

Alternatives to Perc

There are alternatives to using perc as your drycleaning solvent. Changing to any of the technologies will require a new machine.

Hydrocarbon – Machines that use hydrocarbon solvents are becoming more common. The new higher flashpoint

hydrocarbon solvents used in a dry-to-dry hydrocarbon machine reduce toxic air emissions compared to perc machines. Wastewater and waste solvents from these machines must be handled properly.

Silicone – A process using a silicone-based solvent has been developed and is currently available. This solvent reduces air pollution and may also reduce hazardous waste generation and water contamination issues.

Liquid Carbon Dioxide – Machines that use liquefied carbon dioxide operate at pressure levels as high as 400-600 psi. Currently there are no regulations on liquefied CO₂ as a drycleaning solvent, either at the federal level or state level.

Wet Cleaning – This is a water-based cleaning process that requires the use of special detergents and additives in a computer controlled machine designed for wet cleaning.

Other new technologies for dry cleaning are being developed. Many of these technologies offer environmental advantages compared to perc.

Contact Phone Numbers for MDE

Main Number – (800) 633-6101 or (410) 537-3000

Emergencies and Complaints – (866) 633-4686 or (866) MDE-GOTO

Air Quality Permits Program – (410) 537-3230

Air Quality Compliance Program – (410) 537-3231

Hazardous Waste Program

Questions concerning regulatory interpretation – (410) 537-3345

Questions concerning EPA Hazardous Waste I.D. numbers, biennial reports – (410) 537-3344

Industrial Discharge Permits Division – (410) 537-3323

The general air quality permit is only for facilities that use 450 gallons or less of perc annually for the entire facility.

INSTRUCTIONS FOR USE

GENERAL - You may use this calendar to keep records required for compliance with 40 CFR 63, Subpart M. Keep these records at your facility for 5 years.

JULY 2018

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		55	Enter running total from last month.
SUBTRACT PERC PURCHASED JULY 2017		- 10	Enter the amount of PERC you bought during this same month last year, from last year's records or calendar. Subtract that amount.
SUBTOTAL		45	This is your 12 month running total if you do not buy PERC this month.
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL	
7/12	+15	60	This is your 12 month running total if you bought PERC this month. Record the bottom number in this column on next month's form in line TOTAL FROM LAST MONTH .
	+		Record the date you bought PERC this month, if any.
If you bought PERC this month, record the amount and add it to the subtotal. This amount will also go on next year's calendar for this same month under SUBTRACT PERC PURCHASED .			

CONDENSER

TEMP. LOG - Check the outlet temperature of the refrigerated condenser every week. Record the temperature and date in the space provided. In the block marked "Is temp less than or equal to 45° F (7.2° C)?" check "Y" or "N" for "yes" or "no". If "N" is checked, the machine must be repaired.

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 for existing machines or weekly for new machines.

Record the results of the inspections on the calendar. 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 dates they are ordered and the date installed. Parts must be ordered within **2** working days of leak detection and installed within **5** working days of receipt.

NOTES

JANUARY 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED JANUARY 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

JANUARY 2018

S	M	T	W	T	F	S
	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	31			

You can contact MDE to make sure your permit information is up to date.

FEBRUARY 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED FEBRUARY 2017	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

FEBRUARY 2018

S	M	T	W	T	F	S
				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	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			

Hazardous Waste Biennial Reports are due March 1.

MARCH 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED MARCH 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment Dry Cleaner Compliance Calendar

MARCH 2018

S	M	T	W	T	F	S
				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	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

Keep perc purchase and waste hauler invoices on site.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

APRIL 2018

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED APRIL 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

APRIL 2018

S	M	T	W	T	F	S
1	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	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					

For wastewater discharges contact the Industrial Discharge Permits Division at (410) 537-3323

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

MAY 2018

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED MAY 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

MAY 2018

S	M	T	W	T	F	S
		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	23	24	25 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	26
27	28	29	30	31		

You need to keep perc purchase receipts as support for your perc usage log

JUNE 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED JUNE 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

JUNE 2018

S	M	T	W	T	F	S
					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	30

Moving your dry cleaning equipment to a new address requires a new permit

JULY 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED JULY 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

JULY 2018

S	M	T	W	T	F	S
1	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	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				

Monthly leak detection checks started on July 28, 2008.

AUGUST 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED AUGUST 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment Dry Cleaner Compliance Calendar

AUGUST 2018

S	M	T	W	T	F	S
			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"/>	

SEPTEMBER 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED SEPTEMBER 2017	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

SEPTEMBER 2018

S	M	T	W	T	F	S
						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

Notify MDE if you remove your PERC machine.

OCTOBER 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED OCTOBER 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

OCTOBER 2018

S	M	T	W	T	F	S
(September 30)	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	31			

A new dry cleaning machine will require a new permit

NOVEMBER 2018

CONDENSER TEMP LOG

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED NOVEMBER 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

NOVEMBER 2018

S	M	T	W	T	F	S
				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	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"/>	

You are required to have a copy of the operating manual for your dry cleaning machine

DECEMBER 2018

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED DECEMBER 2017	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

DECEMBER 2018

S	M	T	W	T	F	S
						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					

Keep copies of your hazardous waste manifests for at least three years.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

JANUARY 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED JANUARY 2018	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

JANUARY 2019

S	M	T	W	T	F	S
(December 30)	(December 31)	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	23	24	25 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	26
27	28	29	30	31		

You can contact MDE to make sure your permit information is up to date.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

FEBRUARY 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED FEBRUARY 2018	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

FEBRUARY 2019

S	M	T	W	T	F	S
					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		

Properly label your hazardous waste containers.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

MARCH 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED MARCH 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	12 MONTH RUNNING TOTAL
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

MARCH 2019

S	M	T	W	T	F	S
					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						

Keep PERC purchases and waste hauler invoice on site.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

APRIL 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED APRIL 2018	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

APRIL 2019

S	M	T	W	T	F	S
	1 <i>(March 31)</i>	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				

For wastewater discharges contact the Industrial Discharge Permits Division at (410) 537-3323

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

MAY 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED MAY 2018	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

MAY 2019

S	M	T	W	T	F	S
			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"/>	

You need to keep perc purchase receipts as support for your perc usage log

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

JUNE 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED JUNE 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

JUNE 2019

S	M	T	W	T	F	S
						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						

Moving your dry cleaning equipment to a new address requires a new permit

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

JULY 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH		
SUBTRACT PERC PURCHASED JULY 2018	-	
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

JULY 2019

S	M	T	W	T	F	S
	1	2	3	4	5	6
(June 30)						
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	31			

Make sure you are disposing of your wastewater properly.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

AUGUST 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED AUGUST 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

AUGUST 2019

S	M	T	W	T	F	S
				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	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

Properly label your hazardous waste containers.

CONDENSER TEMP LOG

SEPTEMBER 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED SEPTEMBER 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

SEPTEMBER 2019

S	M	T	W	T	F	S
1	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	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					

Notify MDE if you remove your PERC machine.

CONDENSER TEMP LOG

OCTOBER 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED OCTOBER 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

OCTOBER 2019

S	M	T	W	T	F	S
		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	23	24	25 Temp logged <input type="checkbox"/> Inspect logged <input type="checkbox"/>	26
27	28	29	30	31		

Call (410) 537-3230 if you plan to install a new perc dry cleaning machine.

CONDENSER TEMP LOG

DATE	TEMP	Is temp less than or equal to 45°F (7.2°C)?
		Y N
		Y N
		Y N
		Y N
		Y N

NOVEMBER 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED NOVEMBER 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

NOVEMBER 2019

S	M	T	W	T	F	S
					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	30

Keep waste containers closed when you are not adding waste.

CONDENSER TEMP LOG

DECEMBER 2019

PERC PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH	
SUBTRACT PERC PURCHASED DECRMBER 2018	-
SUBTOTAL	
PURCHASE DATE	PURCHASE AMOUNT
	+
	+

Halogenated Hydrocarbon

DATE	MONTHLY LEAK DETECTION CHECK	
	N	Y

INSPECTIONS

INSPECTED	LEAKING?					DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	NOTES
	DATE								
HOSES	N	Y	N	Y	N	Y	N	Y	
DOOR	N	Y	N	Y	N	Y	N	Y	
PUMP	N	Y	N	Y	N	Y	N	Y	
SOLVENT TANK	N	Y	N	Y	N	Y	N	Y	
WATER SEPARATOR	N	Y	N	Y	N	Y	N	Y	
MUCK COOKER	N	Y	N	Y	N	Y	N	Y	
STILL	N	Y	N	Y	N	Y	N	Y	
EXHAUST DAMPER	N	Y	N	Y	N	Y	N	Y	
DIVERTER VALVE	N	Y	N	Y	N	Y	N	Y	
FILTER GASKET	N	Y	N	Y	N	Y	N	Y	
CARTRIDGE FILTER	N	Y	N	Y	N	Y	N	Y	
WASTE CONTAINERS	N	Y	N	Y	N	Y	N	DATED	Y
INSPECTED BY						LABELED	Y	N	



Maryland Department of the Environment
Dry Cleaner Compliance Calendar

DECEMBER 2019

S	M	T	W	T	F	S
1	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	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				

Keep this compliance calendar in your files on site.