

**MISSOURI**



**NATURAL  
RESOURCES**

**2019  
Dry Cleaning  
Compliance Calendar**



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

## LEGEND OF TERMS

APCP or air program - Air Pollution Control Program

EIQ - Emissions Inventory Questionnaire

EPA - Environmental Protection Agency

HWP - Hazardous Waste Program

NESHAP - National Emission Standards for Hazardous Air Pollutants

Perc - Perchloroethylene

SQG - Small Quantity Generators



## Dry Cleaning Compliance Calendar: Instructions for Use

This calendar helps dry cleaners keep records required by the Missouri Department of Natural Resources. The checklists cover requirements for EPA's national emission standards for hazardous air pollutants for dry cleaners. The department recommends dry cleaners:

- \* Maintain records of purchases and waste removal.
- \* Keep completed calendars on site for five years.
- \* If the answer is "yes" to any inspection questions, document what the dry cleaner did to correct the problem(s).

### Running Total of Perchloroethylene (Perc) Consumption Example for January 2019

12-month total from last month	75	
Subtract perc purchased Jan 2018	15	
Subtotal		60
This month's perc purchases*		
Purchase Date	Gallons	
January 1	10	
January 22	15	
January perc total		25
Current 12-month running total (Subtotal + January 2019 total)		85

Insert 12-month running total from last month, that is, from Jan. 1, 2018, through Dec. 31, 2018.

Subtract perc purchased during this month last year. In this example, the dry cleaner purchased 15 gallons in January 2018.

This is the amount of perc purchased during the last 11 months.

This is the amount of perc purchased for this month, January 2019.

This is the 12-month running total. Carry this number over to next month's calendar page.

#### If a dry cleaner purchases less than 140 gallons of perc/yr., then...

- Weekly: Check outlet temperature of refrigerated condenser or refrigeration pressure difference during drying phase per operating instructions. (Not required if not constructed after Dec. 9, 1991.)
- Every other week: Check machine for leaks while it is running.
- Monthly: Use halogenated hydrocarbon leak detector or perc gas analyzer to perform leak checks.
- Always: record results of leak checks.

#### If dry cleaner purchases between 140 and 2,100 gallons perc/yr., then...

- Weekly: Check outlet temperature of refrigerated condenser or refrigeration pressure difference during drying phase per operating instructions.
- Weekly: Check machine for leaks.
- Monthly: Use halogenated hydrocarbon leak detector or perc gas analyzer to perform leak checks.
- Always: record results of leak checks.

#### If dry cleaner purchases more than 2,100 gallons of perc/yr., then...

- Weekly: Check outlet temperature of refrigerated condenser or refrigeration pressure difference during drying phase per operating instructions.
- Weekly: Check machine for leaks.
- Monthly: Use perc gas analyzer to perform leak checks.
- Always: record results of leak checks.



## January 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	Jan. 4, 2019	Jan. 11, 2019	Jan. 18, 2019	Jan. 25, 2019	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair *
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N				
Evaporator / mister	Y N	Y N	Y N	Y N				
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D				
Carbon adsorber: Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N				

### Refrigerated Condenser Temperature

Date	Temperature
Jan. 4, 2019	
Jan. 11, 2019	
Jan. 18, 2019	
Jan. 25, 2019	

**If temperature is above 45° F (7.2°C), document what the dry cleaner does to correct the problem.**

### Running Total of Perc Consumption

**\*Keep receipts.**

12-month total from last month		gal.
Subtract perc purchased January 2018		- gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date(s)	Gallons	
January perc total		gal.
Current 12-month running total (Subtotal + January total)		gal.



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# January 2019

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

**Notes:**



## February 2019

Are the following items leaking? Staff Initials	Feb. 1, 2019	Feb. 8, 2019	Feb. 15, 2019	Feb. 22, 2019		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / mister	Y N	Y N	Y N	Y N					
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D					
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

**Refrigerated Condenser Temperature**

Date	Temperature
Feb. 1, 2019	
Feb. 8, 2019	
Feb. 15, 2019	
Feb. 22, 2019	

**If temperature is above 45° F (7.2°C), document what the dry cleaner does to correct the problem.**

**Running Total of Perc Consumption**

12-month total from last month		gal.
Subtract perc purchased February 2018	-	gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date	Gallons	
February perc total		gal.
Current 12-month running total (Subtotal + February total)		gal.

**\*Keep receipts.**



# February 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					Inspection <input type="checkbox"/> 1 Condenser <input type="checkbox"/> Temperature	2
3	4	5	6	7	Inspection <input type="checkbox"/> 8 Condenser <input type="checkbox"/> Temperature	9
10	11	12	13	14	Inspection <input type="checkbox"/> 15 Condenser <input type="checkbox"/> Temperature	16
17	18	19	20	21	Advanced <input type="checkbox"/> 22 Leak Detection Condenser <input type="checkbox"/> Temperature	23
24	25	26	27	28		

**Notes:**



## March 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	March 1, 2019	March 8, 2019	March 15, 2019	March 22, 2019	March 29, 2019	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / mister	Y N	Y N	Y N	Y N	Y N				
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

### Refrigerated Condenser Temperature

Date	Temperature
March 1, 2019	
March 8, 2019	
March 15, 2019	
March 22, 2019	
March 29, 2019	

**If temperature is above 45° F (7.2°C), document what dry cleaner does to correct the problem.**

### Running Total of Perc Consumption

12-month total from last month		gal.
Subtract perc purchased March 2018	-	gal.
Subtotal		gal.
This month's perc purchases*		
Purchase Date	Gallons	
March perc total		gal.
Current 12-month running total		gal.
(Subtotal + March total)		

**\*Keep receipts.**





# March 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					Inspection <input type="checkbox"/> 1 Condenser <input type="checkbox"/> Temperature	2
3	4	5	6	7	Inspection <input type="checkbox"/> 8 Condenser <input type="checkbox"/> Temperature	9
10	11	12	13	14	Inspection <input type="checkbox"/> 15 Condenser <input type="checkbox"/> Temperature	16
17	18	19	20	21	Inspection <input type="checkbox"/> 22 Condenser <input type="checkbox"/> Temperature	23
24	25	26	27	28	Advanced <input type="checkbox"/> 29 Leak Detection Condenser <input type="checkbox"/> Temperature	30
31	<b>Notes:</b>					

## April 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	April 5, 2019	April 12, 2019	April 19, 2019	April 26, 2019	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N				
Evaporator / Mister	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D				
Carbon Adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N				

### Refrigerated Condenser Temperature

Date	Temperature
April 5, 2019	
April 12, 2019	
April 19, 2019	
April 26, 2019	

**If temperature is above 45° F (7.2°C), document what the dry cleaner does to correct the problem.**

### Running Total of Perc Consumption

**\*Keep receipts.**

12-month total from last month		gal.
Subtract perc purchased April 2018		- gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date	Gallons	
April perc total		gal.
Current 12-month running total (Subtotal + April total)		gal.



# April 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
<div style="border: 1px solid black; padding: 5px;"> <p>April 1 – Paper version of air program's EIQ due. (Note: Most dry cleaners no longer must submit EIQs.)</p> <p>Air program: Intermediate or Part 70 compliance report due, if applicable</p> </div>	1	2	3	4	Inspection <input type="checkbox"/> 5 Condenser Temperature <input type="checkbox"/>	6	
	7	8	9	10	11	Inspection <input type="checkbox"/> 12 Condenser Temperature <input type="checkbox"/>	13
	14	15	16	17	18	Inspection <input type="checkbox"/> 19 Condenser Temperature <input type="checkbox"/>	20
21	22	23	24	25	Advanced Leak Detection <input type="checkbox"/> 26 Condenser Temperature <input type="checkbox"/>	27	
28	29	30					

**Notes:**



## May 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	May 3, 2019	May 10, 2019	May 17, 2019	May 24, 2019	May 31, 2019	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / mister	Y N	Y N	Y N	Y N	Y N				
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D	S D				
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

#### Refrigerated Condenser Temperature

Date	Temperature
May 3, 2019	
May 10, 2019	
May 17, 2019	
May 24, 2019	
May 31, 2019	

#### Running Total of Perc Consumption

**\*Keep receipts.**

12-month total from last month		gal.	
Subtract perc purchased May 2018	-	gal.	
<b>Subtotal</b>			gal.
This month's perc purchases*			
Purchase Date	Gallons		
May perc total			gal.
Current 12-month running total (Subtotal + May total)			gal.

**If temperature is above 45° F (7.2°C), document what the dry cleaner does to correct the problem.**



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# May 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
			<div style="border: 1px solid black; padding: 5px;">           May 1 - Submit electronic version of air program's emissions inventory questionnaire (EIQ), if required. Note that most dry cleaners no longer must submit EIQs.         </div>				
			1	2	Inspection <input type="checkbox"/>	3	4
					Condenser Temperature <input type="checkbox"/>		
5	6	7	8	9	Inspection <input type="checkbox"/>	10	11
					Condenser Temperature <input type="checkbox"/>		
12	13	14	15	16	Inspection <input type="checkbox"/>	17	18
					Condenser Temperature <input type="checkbox"/>		
19	20	21	22	23	Advanced Leak Detection <input type="checkbox"/>	24	25
					Condenser Temperature <input type="checkbox"/>		
26	27	28	29	30		31	

**Notes:**

**June 2019**

**Weekly Inspection**

Are the following items leaking? Staff Initials	June 7, 2019		June 14, 2019		June 21, 2019		June 28, 2019		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
	Y	N	Y	N	Y	N	Y	N				
Hose and pipe connections, fittings, couplings and valves	Y	N	Y	N	Y	N	Y	N				
Door gasket and seal	Y	N	Y	N	Y	N	Y	N				
Pump	Y	N	Y	N	Y	N	Y	N				
Solvent tanks and containers	Y	N	Y	N	Y	N	Y	N				
Water separator	Y	N	Y	N	Y	N	Y	N				
Muck cooker	Y	N	Y	N	Y	N	Y	N				
Still	Y	N	Y	N	Y	N	Y	N				
Exhaust damper	Y	N	Y	N	Y	N	Y	N				
Diverter valve	Y	N	Y	N	Y	N	Y	N				
Filter gasket and seal	Y	N	Y	N	Y	N	Y	N				
Cartridge filter housing	Y	N	Y	N	Y	N	Y	N				
If gauges present - high/low pressure within range	Y	N	Y	N	Y	N	Y	N				
Evaporator / mister	Y	N	Y	N	Y	N	Y	N				
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S	D	S	D	S	D	S	D				
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y	N	Y	N	Y	N	Y	N				

**Refrigerated Condenser Temperature**

**Running Total of Perc Consumption**

**\*Keep receipts.**

Date	Temperature
June 7, 2019	
June 14, 2019	
June 21, 2019	
June 28, 2019	

12-month total from last month		gal.
Subtract perc purchased June 2018		- gal.
Subtotal		gal.
This month's perc purchases*		
Purchase Date	Gallons	
June perc total		gal.
Current 12-month running total (Subtotal + June total)		gal.

**If temperature is above 45° F (7.2°C), document what is done to correct the problem.**



# June 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     June 1 - Submit payment for air program fees (Note: Most dry cleaners are no longer required to submit EIQs.)                     <span style="font-size: 2em;">→</span> </div>			1
2	3	4	5	6	Inspection <input type="checkbox"/> 7 Condenser <input type="checkbox"/> Temperature	8
9	10	11	12	13	Inspection <input type="checkbox"/> 14 Condenser <input type="checkbox"/> Temperature	15
16	17	18	19	20	Inspection <input type="checkbox"/> 21 Condenser <input type="checkbox"/> Temperature	22
23	24	25	26	27	Advanced <input type="checkbox"/> 28 Leak Detection Condenser <input type="checkbox"/> Temperature	29
All generators 30 regulated by HWP: June 30, 2019, is last day in reporting year.						

**Notes:**



## July 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	July 5, 2019	July 12, 2019	July 19, 2019	July 26, 2019		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / mister	Y N	Y N	Y N	Y N					
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D					
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

#### Refrigerated Condenser Temperature

Date	Temperature
July 5, 2019	
July 12, 2019	
July 19, 2019	
July 26, 2019	

**If temperature is above 45° F (7.2°C), document what dry cleaner does to correct the problem.**

#### Running Total of Perc Consumption

**\*Keep receipts.**

12-month total from last month		gal.
Subtract perc purchased July 2018	-	gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date	Gallons	
July perc total		gal.
Current 12-month running total (Subtotal + July total)		gal.





# July 2019

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

**Notes:**

## August 2019

### Weekly Report

Are the following items leaking? Staff Initials	Aug. 2, 2019	Aug. 9, 2019	Aug. 16, 2019	Aug. 23, 2019	Aug. 30, 2019	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / mister	Y N	Y N	Y N	Y N	Y N				
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

#### Refrigerated Condenser Temperature

#### Running Total of Perc Consumption

\*Keep receipts.

Date	Temperature
Aug. 2, 2019	
Aug. 9, 2019	
Aug. 16, 2019	
Aug. 23, 2019	
Aug. 30, 2019	

12-month total from last month		gal.
Subtract perc purchased August 2018		- gal.
Subtotal		gal.
This month's perc purchases*		
Purchase Date	Gallons	
August perc total		gal.
Current 12-month running total (Subtotal + August total)		gal.

**If temperature is above 45° F (7.2°C), document what the dry cleaner does to correct the problem.**



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# August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Inspection <input type="checkbox"/> 2 Condenser <input type="checkbox"/> Temperature	3
4	5	6	7	8	8 Inspection <input type="checkbox"/> 9 Condenser <input type="checkbox"/> Temperature	10
11	12	13	14	14 Small quantity generator: due date for annual summary report **	15 Inspection <input type="checkbox"/> 16 Condenser <input type="checkbox"/> Temperature	17
18	19	20	21	22	22 Inspection <input type="checkbox"/> 23 Condenser <input type="checkbox"/> Temperature	24
25	26	27	28	29	29 Advanced <input type="checkbox"/> 30 Leak Detection Condenser <input type="checkbox"/> Temperature	31

**Notes:**

\*\*If mailed, report must be postmarked by the due date.

## September 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	Sept. 6, 2019	Sept. 13, 2019	Sept. 20, 2019	Sept. 27, 2019		Date Parts Ordered	Date Parts Received	Date Repaired*	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / mister	Y N	Y N	Y N	Y N					
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D					
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

### Refrigerated Condenser Temperature

Date	Temperature
Sept. 6, 2019	
Sept. 13, 2019	
Sept. 20, 2019	
Sept 27, 2019	

**If temperature is above 45° F (7.2°C), document what dry cleaner does to correct the problem.**

### Running Total of Perc Consumption

**\*Keep receipts.**

12-month total from last month		gal.
Subtract perc purchased September 2018	-	gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date	Gallons	
September perc total		gal.
Current 12-month running total (Subtotal + September total)		gal.



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# September 2019

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

**Notes:**

## October 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	Oct. 4, 2019	Oct. 11, 2019	Oct. 18, 2019	Oct. 25, 2019		Date Parts Ordered	Date Parts Received	Date Repaired*	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / mister	Y N	Y N	Y N	Y N					
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D					
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

### Refrigerated Condenser Temperature

Date	Temperature
Oct. 4, 2019	
Oct. 11, 2019	
Oct. 18, 2019	
Oct. 25, 2019	

**If temperature is above 45° F (7.2°C), document what dry cleaner does to correct the problem.**

### Running Total of Perc Consumption

**\*Keep receipts.**

12-month total from last month		gal.
Subtract perc purchased October 2018	-	gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date	Gallons	
October perc total		gal.
Current 12-month running total (Subtotal + October total)		gal.



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# October 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		Date for compliance reports for air program's Part 70 compliance report. (Most dry cleaners are not Part 70 sources.) 1	2	3	Inspection <input type="checkbox"/> 4 Condenser Temperature <input type="checkbox"/>	5
6	7	8	9	10	Inspection <input type="checkbox"/> 11 Condenser Temperature <input type="checkbox"/>	12
13	14	15	16	17	Inspection <input type="checkbox"/> 18 Condenser Temperature <input type="checkbox"/>	19
20	21	22	23	24	Advanced Leak Detection <input type="checkbox"/> 25 Condenser Temperature <input type="checkbox"/>	26
27	28	29	30	31		

**Notes:**

## November 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	Nov. 1, 2019	Nov. 8, 2019	Nov. 15, 2019	Nov. 22, 2019	Nov. 29, 2019	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / mister	Y N	Y N	Y N	Y N	Y N				
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D	S D				
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

### Refrigerated Condenser Temperature

Date	Temperature
Nov. 1, 2019	
Nov. 8, 2019	
Nov. 15, 2019	
Nov. 22, 2019	
Nov. 29, 2019	

**If temperature is above 45° F (7.2°C), document what dry cleaner does to correct the problem.**

### Running Total of Per Consumption

12-month total from last month		gal.
Subtract perc purchased November 2018	-	gal.
<b>Subtotal</b>		<b>gal.</b>
This month's perc purchases*		
Purchase Date	Gallons	
November perc total		gal.
Current 12-month running total (Subtotal + November total)		gal.

**\*Keep receipts.**





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# November 2019

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

**Notes:**



## December 2019

### Weekly Inspection

Are the following items leaking? Staff Initials	Dec. 6, 2019	Dec. 13, 2019	Dec. 20, 2019	Dec. 27, 2019		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / mister	Y N	Y N	Y N	Y N					
Method of inspection ( <b>S</b> = feel, sight or smell; <b>D</b> = detector)	S D	S D	S D	S D					
Carbon adsorber – Perc less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

### Refrigerated Condenser Temperature

### Running Total of Perc Consumption

**\*Keep receipts.**

Date	Temperature		12-month total from last month	gal.
Dec. 6, 2019			Subtract perc purchased December 2018	gal.
Dec. 13, 2019			Subtotal gal.	
Dec. 20, 2019			This month's perc purchases*	
Dec. 27, 2019			Purchase Date	Gallons
<b>If temperature is above 45° F (7.2°C), document what dry cleaner does to correct the problem.</b>			December perc total gal.	
			Current 12-month running total (Subtotal + December total) gal.	



# December 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6 Inspection <input type="checkbox"/> Condenser Temperature <input type="checkbox"/>	7
8	9	10	11	12	13 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temperature	14
15	16	17	18	19	20 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temperature	21
22	23	24	25	26	27 Advanced <input type="checkbox"/> Leak Detection Condenser Temperature <input type="checkbox"/>	28
29	30	31 HWP registration renewals and fees due.**				

**Notes:**

\*\* Must be postmarked by this date to avoid a late fee.



## Perc Cleaners Pollution Prevention Guidelines

- Close machine doors immediately after transferring articles to or from the machines.
- Keep machine doors closed between transfers.
- Follow the manufacturer's instructions for operating and maintaining machines and equipment.
- Drain cartridge filters in a closed container for at least 24 hours before disposing.
- Store all perc and wastes in sealed containers that do not leak.
- Inspect all dry cleaning equipment at least bi-weekly for any leaks that are obvious by sight, smell or touch. Leaks include instances where drops of perc are visible on the outside of a machine or where air can be felt coming from a machine. (Large area sources and major sources must be inspected weekly!) Dry cleaning equipment includes hoses, pipes, fittings, couplings, valves, gaskets, seals, pumps, solvent tanks and containers, water separators, muck cookers, stills, diverter valves and cartridge filter housings.
- Repair any leaks within 24 hours or, if repair parts must be ordered, within five days of receiving the parts. Order parts within two working days of finding the leak.
- Keep copies of design specifications and operating manuals for each dry cleaning machine.
- All new perc dry cleaners, commencing construction or reconstruction after Dec. 21, 2005, must add carbon adsorbers to non-vented, dry-to-dry machines with refrigerated condensers, according to federal rules.
- For more information, see the Dry Cleaners and The Clean Air Act fact sheet – PUB2201 on the department's website at <https://dnr.mo.gov/pubs/pub2201.htm>
- For more information about the Drycleaning Environmental Response Trust Fund, known as DERT, see the department's webpage on DERT: <http://dnr.mo.gov/env/hwp/dert/hwpvcp-dryclean.htm>



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## **Print your 2019 Dry Cleaning Compliance Calendar.**

Download a free copy at [dnr.mo.gov/pubs/pub1310.pdf](http://dnr.mo.gov/pubs/pub1310.pdf).

(The Missouri Department of Natural Resources anticipates having the 2020 calendar available for download by 12/31/2019.)

For answers to questions, please contact:

**Missouri Department of Natural Resources**  
**Air Pollution Control Program**  
**P.O. Box 176**  
**Jefferson City, MO 65102-0176**  
**800-361-4827**  
**573-751-4817**