



Company Name: _____

Address: _____

City: _____

Machine Identification: _____

2007

**Perchloroethylene (PCE) Dry Cleaner
Compliance Calendar**

State of Utah

Department of Environmental Quality

Division of Air Quality

PERCHLOROETHYLENE (PCE) DRY CLEANERS FACT SHEET

WHY IS EPA REGULATING DRY CLEANERS?

The Clean Air Act of 1990 directs the United States Environmental Protection Agency (EPA) to regulate the emissions of 188 chemical compounds designated as Hazardous Air Pollutants (HAPs). Perchloroethylene, also known as “perc”, “pce” or “tetrachloroethylene”, is on the list of HAPs and is the most commonly used chemical solvent at dry cleaners. In September 1993, the EPA issued national regulations to control air emissions of “PCE” from dry cleaners which they revised in July and September 2006. Remember these rules only apply to dry cleaners using PCE.

IS YOUR BUSINESS AFFECTED?

How the business is affected depends on the date of machinery installation, the amount of “PCE” purchased each year and the type of machines at the facility. **December 9, 1991 and December 21, 2005** are important dates for these regulations. When a machine is installed determines applicable rules and the types of control devices that are required.

If a facility has machines initially installed before December 9, 1991 the machine will be classified as “existing”. If a facility has machines initially installed on or after December 9, 1991, the source will be classified as “new”. The amount of PCE purchased determines the facility size: small area, large area or major. Small area sources use less than 140 gallons in a year for a dry-to-dry machine or 200 gallons for a transfer machine.

WHAT REQUIREMENTS APPLY?

- ✓ Air pollution equipment is required for ALL PCE dry cleaning equipment EXCEPT: (1) transfer machines installed prior to 9/23/93 and which use less than 200 gallons per year AND (2) dry-to-dry machines installed prior to 10/9/91 and use less than 140 gallons per year.
- ✓ Operate and maintain system according to manufacturer's specifications and recommendations. Maintain, onsite, a copy of the design specifications and operating manual for each machine and control device.
- ✓ Refrigerated condensers installed on dryers, dry-to-dry machines, or reclaimers may not vent to the atmosphere while the drum is rotating.
- ✓ Keep machine doors closed at all times - except when transferring clothes.

✓ Drain cartridge filters in their housings or other sealed container for 24 hours before disposing of them as a hazardous waste.

✓ Store all PCE solvent and waste in sealed containers.

✓ Inspect equipment every week (large sources using more than 140 gal) or every two weeks (small sources using less than 140 gal) for perceptible leaks, those obvious to sight, smell, or touch, while the dry cleaning system is operating. Record all inspection and repair findings.

✓ Repair perceptible leaks within 24 hours. Parts must be ordered within two working days and installed within five days of receipt. Record all repairs.

IS MONITORING AND RECORDKEEPING REQUIRED?

✓ Maintain on-site, for five years, records of inspection dates, name and location of system components where leaks are found, inspection method, dates of repair and record of written or verbal part orders. Record “no leaks” or “leak found”, as applicable and record repair method e.g. “repaired by tightening nuts” in a maintenance log.

✓ Each month, record your PCE purchases in a log, at the first of each month total the volume purchased in the previous 12 months. Keep purchase receipts and log on-site for a minimum of five years. If the usage exceeds that reported in your initial compliance status, your location changes, or additional machines added, then submit a new Notice of Compliance.

✓ For your refrigerated condenser (RC), the primary evaluation method records and evaluates the high and low pressure readings on the compressor unit. Or the alternate method, when no gauges are present: measure and record weekly the air temperature after the RC. If the RC outlet air temperature is greater than 45° F (7.2° C) during the end of the dry cycle make repairs and adjustments to meet this requirement.

✓ Carbon adsorber, the amount of PCE vapor in the exhaust and dry cleaner drum need to be measured and recorded weekly. A colorimetric tube is acceptable for these measurements. Take exhaust duct “PCE” concentration measurement at the end of the last dry cleaning cycle before carbon is desorbed and make repairs or adjustments if the concentration exceeds 100 parts per million (ppm). Take drum “PCE” concentration measurement at the end of the dry cleaning cycle and make repairs or adjustments if the concentration exceeds 300 ppm.

IS THERE PAPERWORK TO SUBMIT?

All new dry cleaning machines must submit a Notification of Compliance within 30 days of startup and provide an estimate of PCE usage. All sources will need to submit a revised Notification of Compliance prior to July 28, 2008 indicating compliance with the 2006 revisions to the standard. There is a reporting form (rev 2006) on the second to last page of this calendar.

OTHER REGULATIONS

Solid and Hazardous Waste - Small Business Assistance Program - (801) 538-6170 <http://www.hazardouswaste.utah.gov/> Basic, onsite hazardous waste training is also available through this program.

- ✓If you generate less than 220 pounds of hazardous waste per month, you are a Conditionally Exempt Small Quantity Generator. This allows you to dispose of the hazardous waste at a permitted disposal facility when prior approval is obtained from the facility owner/operator.
- ✓If you generate more than 220 pounds of hazardous waste per month, your facility is more stringently regulated. ALL hazardous waste shipped to a disposal facility must be manifested. The paperwork must be properly filled out with out with the applicable signatures of the generator, transporter and disposer. You must keep the manifest onsite for a minimum of three years. Contact the Division for further information if you fall within this category.
- ✓If ANY of your solid waste contains PCE, it is ALL considered hazardous. This waste may include still residues, spent cartridges, and separator water. These wastes are an EPA F002 listed hazardous waste.
- ✓All containers holding hazardous waste must be label as hazardous waste and must be kept completely closed except when adding to or taking from a container.

Underground Storage Tanks – (801) 536-4100
<http://www.undergroundtanks.utah.gov>

- ✓Any underground storage tank that holds 110 gallons or more of a petroleum product or of a CERCLA hazardous substance (e.g. PCE) must be registered. You will need to register the tanks, pay tank fees, and do a one-time minimum site assessment. Also:
 - ✓The underground tank must be double walled or have secondary containment and the owner/operator needs to perform and keep records of monthly monitoring of the interstitial space.
 - ✓If the tank or piping is made of metal, the system must be cathodically protected. The cathodic protection system must be tested every 3 years and results of the last two cathodic protection tests must be maintained for inspection.
- ✓If these requirements apply, visit our website for information on leak detection monitoring requirements.

Water Quality – Permitting and Compliance Section (801) 538-6146
<http://www.waterquality.utah.gov/permits/index.htm>

- ✓Separator water from your dry cleaning system contains PCE. It cannot be discharged to a sewer or storm sewer system. There are commercially available misters and evaporators with filters that remove the trace amounts of PCE before the water is evaporated. Or, the separator water can go into the sludge bin and be disposed of as hazardous waste.
- ✓If you have an existing floor drain connected to a septic tank and leach field or dry well, call us to plan the best course of action to monitor or eliminate this type of system. This system is NOT allowed in new construction.
- ✓If your wastewater discharges directly to a ditch or a stream, give us a call for permit requirements.
- ✓If wastes from floor cleaning, etc. drain to a floor sump connected to a municipal water and sewer system, make sure you are aware of and comply with any pretreatment and cross connection prevention programs. Call your city or local sewer district for more information.

JANUARY 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH DECEMBER 2006		
SUBTRACT PCE PURCHASED LAST YEAR during JANUARY 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED
	DATE										
Test Method											
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y			
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y			
Pump	N	Y	N	Y	N	Y	N	Y			
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y			
Water Separators	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 Dampers	N	Y	N	Y	N	Y	N	Y			
Diverter Valves	N	Y	N	Y	N	Y	N	Y			
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y			
All Filter Housings	N	Y	N	Y	N	Y	N	Y			
Waste Containers	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N	

JANUARY 2007

Dry Cleaner Compliance Calendar
Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
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21	22	23	24	25	26 Temp logged Inspect logged	27
28	29	30	31			

February 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH JANUARY 2007		
SUBTRACT PCE PURCHASED LAST YEAR during FEBRUARY 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED		
	DATE												
Test Method													
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y			
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y			
Pump	N	Y	N	Y	N	Y	N	Y	N	Y			
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y			
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y			
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y			
Still	N	Y	N	Y	N	Y	N	Y	N	Y			
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y			
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y			
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y			
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y			
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N	

FEBRUARY 2007

Dry Cleaner Compliance Calendar
Division of Air Quality
Department of Environmental Quality

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4	5	6	7	8	9 Temp logged Inspect logged	10
11	12	13	14	15	16 Temp logged Inspect logged	17
18	19	20	21	22	23 Temp logged Inspect logged	24
25	26	27	28			

MARCH 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH FEBRUARY 2007		
SUBTRACT PCE PURCHASED LAST YEAR during MARCH 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED		
	DATE												
Test Method													
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y			
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y			
Pump	N	Y	N	Y	N	Y	N	Y	N	Y			
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y			
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y			
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y			
Still	N	Y	N	Y	N	Y	N	Y	N	Y			
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y			
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y			
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y			
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y			
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N	

MARCH 2007

Dry Cleaner Compliance Calendar
Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
				1	2 Temp logged Inspect logged	3
4	5	6	7	8	9 Temp logged Inspect logged	10
11	12	13	14	15	16 Temp logged Inspect logged	17
18	19	20	21	22	23 Temp logged Inspect logged	24
25	26	27	28	29	30 Temp logged Inspect logged	31

APRIL 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH MARCH 2007		
SUBTRACT PCE PURCHASED LAST YEAR during APRIL 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?							DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED
	DATE									
Test Method										
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y
Pump	N	Y	N	Y	N	Y	N	Y	N	Y
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y
Still	N	Y	N	Y	N	Y	N	Y	N	Y
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y
							LABELED Y N			DATED Y N

APRIL 2007

Dry Cleaner Compliance Calendar
Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
1	2	3	4	5	6 Temp logged Inspect logged	7
8	9	10	11	12	13 Temp logged Inspect logged	14
15	16	17	18	19	20 Temp logged Inspect logged	21
22	23	24	25	26	27 Temp logged Inspect logged	28
29	30					

MAY 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH APRIL 2007		
SUBTRACT PCE PURCHASED LAST YEAR during MAY 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?							DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	
	DATE										
Test Method											
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y			
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y			
Pump	N	Y	N	Y	N	Y	N	Y			
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y			
Water Separators	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 Dampers	N	Y	N	Y	N	Y	N	Y			
Diverter Valves	N	Y	N	Y	N	Y	N	Y			
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y			
All Filter Housings	N	Y	N	Y	N	Y	N	Y			
Waste Containers	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N	

MAY 2007

Dry Cleaner Compliance Calendar
Division of Air Quality
Department of Environmental Quality

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13	14	15	16	17	18 Temp logged Inspect logged	19
20	21	22	23	24	25 Temp logged Inspect logged	26
27	28	29	30	31		

JUNE 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH MAY 2007		
SUBTRACT PCE PURCHASED LAST YEAR during JUNE 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED			
	DATE													
Test Method														
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y				
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y				
Pump	N	Y	N	Y	N	Y	N	Y	N	Y				
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y				
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y				
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y				
Still	N	Y	N	Y	N	Y	N	Y	N	Y				
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y				
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y				
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y				
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y				
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y				
									LABELED	Y	N	DATED	Y	N

JUNE 2007

Dry Cleaner Compliance Calendar
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17	18	19	20	21	22 Temp logged Inspect logged	23
24	25	26	27	28	29 Temp logged Inspect logged	30

JULY 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH JUNE 2007		
SUBTRACT PCE PURCHASED LAST YEAR during JULY 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED
	DATE										
Test Method											
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y			
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y			
Pump	N	Y	N	Y	N	Y	N	Y			
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y			
Water Separators	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 Dampers	N	Y	N	Y	N	Y	N	Y			
Diverter Valves	N	Y	N	Y	N	Y	N	Y			
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y			
All Filter Housings	N	Y	N	Y	N	Y	N	Y			
Waste Containers	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N	

JULY 2007

Dry Cleaner Compliance Calendar

Division of Air Quality
Department of Environmental Quality

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29	30	31				

AUGUST 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH JULY 2007		
SUBTRACT PCE PURCHASED LAST YEAR during AUGUST 2006		-
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED		
	DATE												
Test Method													
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y			
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y			
Pump	N	Y	N	Y	N	Y	N	Y	N	Y			
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y			
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y			
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y			
Still	N	Y	N	Y	N	Y	N	Y	N	Y			
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y			
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y			
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y			
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y			
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N	

AUGUST 2007

Dry Cleaner Compliance Calendar

Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
			1	2	3 Temp logged Inspect logged	4
5	6	7	8	9	10 Temp logged Inspect logged	11
12	13	14	15	16	17 Temp logged Inspect logged	18
19	20	21	22	23	24 Temp logged Inspect logged	25
26	27	28	29	30	31 Temp logged Inspect logged	

SEPTEMBER 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

PCE PURCHASES RUNNING TOTAL

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N

TOTAL FROM LAST MONTH AUGUST 2007		
SUBTRACT PCE PURCHASED LAST YEAR during SEPTEMBER 2006		
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED					
	DATE															
Test Method																
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y						
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y						
Pump	N	Y	N	Y	N	Y	N	Y	N	Y						
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y						
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y						
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y						
Still	N	Y	N	Y	N	Y	N	Y	N	Y						
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y						
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y						
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y						
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y						
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y	LABELED	Y	N	DATED	Y	N

SEPTEMBER 2007

Dry Cleaner Compliance Calendar

Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
						1
2	3	4	5	6	7 Temp logged Inspect logged	8
9	10	11	12	13	14 Temp logged Inspect logged	15
16	17	18	19	20	21 Temp logged Inspect logged	22
23/30	24	25	26	27	28 Temp logged Inspect logged	29

OCTOBER 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH SEPTEMBER 2007			
SUBTRACT PCE PURCHASED LAST YEAR during OCTOBER 2006			-
SUBTOTAL			
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL	
	+		
	+		

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED			
	DATE													
Test Method														
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y				
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y				
Pump	N	Y	N	Y	N	Y	N	Y	N	Y				
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y				
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y				
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y				
Still	N	Y	N	Y	N	Y	N	Y	N	Y				
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y				
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y				
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y				
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y				
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y				
									LABELED	Y	N	DATED	Y	N

OCTOBER 2007

Dry Cleaner Compliance Calendar

Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
	1	2	3	4	5 Temp logged Inspect logged	6
7	8	9	10	11	12 Temp logged Inspect logged	13
14	15	16	17	18	19 Temp logged Inspect logged	20
21	22	23	24	25	26 Temp logged Inspect logged	27
28	29	30	31			

NOVEMBER 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N

PCE PURCHASES RUNNING TOTAL

TOTAL FROM LAST MONTH OCTOBER 2007			
SUBTRACT PCE PURCHASED LAST YEAR during NOVEMBER 2006			-
SUBTOTAL			
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL	
	+		
	+		

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED	
	DATE											
Test Method												
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y		
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y		
Pump	N	Y	N	Y	N	Y	N	Y	N	Y		
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y		
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y		
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y		
Still	N	Y	N	Y	N	Y	N	Y	N	Y		
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y		
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y		
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y		
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y		
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y	LABELED Y N	DATED Y N

NOVEMBER 2007

Dry Cleaner Compliance Calendar

Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
				1	2 Temp logged Inspect logged	3
4	5	6	7	8	9 Temp logged Inspect logged	10
11	12	13	14	15	16 Temp logged Inspect logged	17
18	19	20	21	22	23 Temp logged Inspect logged	24
25	26	27	28	29	30 Temp logged Inspect logged	

DECEMBER 2007

PRESSURE LOG or CONDENSER TEMPERATURE LOG

PCE PURCHASES RUNNING TOTAL

(New Small and Large Area Cleaners) (Use pressure if pressure gauges are present on refrigeration unit)

DATE	PRESSURE		TEMP (° F or ° C)	Is pressure within specification High _____ Low _____, Or is temperature less than or equal to 45° F (7.2° C)? Notes.	
	High	Low			
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N

TOTAL FROM LAST MONTH NOVEMBER 2007		
SUBTRACT PCE PURCHASED LAST YEAR during DECEMBER 2006		
SUBTOTAL		
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
	+	
	+	

LEAK INSPECTIONS (TEST METHOD: sight smell (ss) or with a leak detector (ld))

(Small Area Cleaners every other week, Large Area Cleaners every week) (Leak detector test required once/month for DC equipment installed after 12/21/05)

COMPONENT INSPECTED	LEAKING?								DATE PARTS ORDERED	DATE PARTS RECEIVED	DATE REPAIRED					
	DATE															
Test Method																
Hose + Pipe Connections	N	Y	N	Y	N	Y	N	Y	N	Y						
Door Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y						
Pump	N	Y	N	Y	N	Y	N	Y	N	Y						
Solvent Tanks + containers	N	Y	N	Y	N	Y	N	Y	N	Y						
Water Separators	N	Y	N	Y	N	Y	N	Y	N	Y						
Muck Cooker	N	Y	N	Y	N	Y	N	Y	N	Y						
Still	N	Y	N	Y	N	Y	N	Y	N	Y						
Exhaust Dampers	N	Y	N	Y	N	Y	N	Y	N	Y						
Diverter Valves	N	Y	N	Y	N	Y	N	Y	N	Y						
Filter Gaskets + Seating	N	Y	N	Y	N	Y	N	Y	N	Y						
All Filter Housings	N	Y	N	Y	N	Y	N	Y	N	Y						
Waste Containers	N	Y	N	Y	N	Y	N	Y	N	Y	LABELED	Y	N	DATED	Y	N

DECEMBER 2007

Dry Cleaner Compliance Calendar

Division of Air Quality
Department of Environmental Quality

S	M	T	W	T	F	S
						1
2	3	4	5	6	7 Temp logged Inspect logged	8
9	10	11	12	13	14 Temp logged Inspect logged	15
16	17	18	19	20	21 Temp logged Inspect logged	22
23/30	24/31	25	26	27	28 Temp logged Inspect logged	29

RECORDKEEPING INSTRUCTIONS

July 2007

PCE Purchases Running Total

TOTAL FROM LAST MONTH- June 2007		55
SUBTRACT PCE PURCHASED JULY 2006		- 10
SUBTOTAL		45
PURCHASE DATE	PURCHASE AMOUNT	12 MONTH RUNNING TOTAL
7/12	+ 15	60
	+	

Enter 12 month running total from last month (June 2006).

Enter the amount of PCE you bought during this month last year (2006), from last year's records or calendar.
Subtract that amount.

This is your 12 month running total if you do not buy any PCE this month. Subtract last years PCE purchases for this month, July 2006 the purchased PCE was 10 gallons, so $55 - 10 = 45$.

This is your new 12 month running total if you bought PCE this month. Record the bottom number in this column on next month's form on the "TOTAL FROM LAST MONTH" line.

If you bought PCE 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 on the "SUBTRACT PCE PURCHASED" line. **If you bought none write in "0".**

Record the date you bought PCE this month, if any.

GENERAL

You may use this calendar to keep records required for air quality compliance. Keep these records at your facility for **5 years**.

REFRIGERATED CONDENSER (RC)

EVALUATION, Inspect the RC control device each week using the pressure method or if pressure gauges are not present use the temperature method. Record date, readings and findings in the space provided.

Refrigeration system pressure method: evaluate the high and low pressure readings on the compressor unit during the drying phase. Compare readings to manufactures specifications.

RC outlet Temperature Method: check the outlet temperature of the refrigerated condenser. Is temp less than or equal to 45° F (7.2° C)?" Check "Y" for "yes" or "N" for "no". If you checked "N", the machine must be repaired.

LEAK INSPECTIONS

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

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

5. Circle one:

Collocated residential (located in a building with residential units). Number of Residential Units_____

Collocated commercial (located in a building with commercial)

Standalone

6. Halogenated hydrocarbon detector or PCE gas analyzer available? Y N Type_____

7. Comments:_____

8. Compliance Certification

By checking this box you are certifying the above equipment is in compliance with all applicable requirements of Subpart M NESHAP for Perchloroethylene Dry Cleaning Facilities, including performing all inspections and recordkeeping.

Print or type the name and title of the Responsible Official for the dry cleaning facility:

Name of Responsible Official Title

I CERTIFY THE INFORMATION CONTAINED IN THIS REPORT TO BE ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

Signature of Responsible Official Date

This notification is to be submitted to the Division of Air Quality by July 28, 2008 and on or before **30 days after start-up** of a new location or if old machines are replaced or if additional dry cleaning machines are added to a facility which has previously filed or if the amount of PCE exceeds the amount reported on the previous notice.

Mail the signed and completed Notification of Compliance status form to:

HAPs Section
Utah Division of Air Quality
P.O. Box 144820
Salt Lake City, UT 84114-4820

Instructions for Completing the Notification of Compliance

This notice is required for dry cleaners subject to the 40 CFR 63 Subpart M NESHAP for Perchloroethylene Dry Cleaning Facilities. This notice is for existing and new machines using perchloroethylene (PCE). If you need to submit compliance information for a transfer machine or a system that is located in a building with a residence, please contact the Utah Division of Air Quality, Small Business Environmental Assistance Program 801-536-4000 or 800-270-4440.

This notification is to be submitted to the Division of Air Quality on or before 30 days after start-up of new or used dry cleaning machines, if PCE use increases or if additional dry cleaning machines are added to a facility which has previously filed.

Copies of regulations and guidance documents are available from the Utah Division of Air Quality, Small Business Environmental Assistance Program 801-536-4000 or 800-270-4440.

1. Dry Cleaning Facility Address and Location

Owner/Operator - the name of the corporation, agency, or individual that has ownership or control of the dry cleaning facility for which this notification is submitted.

Owner/Facility Address – Write in the mailing address of the owner and the facility.

2. Yearly PCE solvent consumption:

Write in the total amount, in gallons, of PCE consumed (purchased) at the facility during the previous twelve months. The total amount is for all machines, new and existing, at the facility. New owners of used machines should obtain solvent purchase records from the previous owner. If this is a new machine, don't include the initial PCE charge to fill the tank in the consumption calculation. Contact the manufacturer of the machine to estimate the PCE consumption based on future usage. Note: If this is a new facility or dry cleaning machine the consumption will be an estimate of future consumption.

3. Facility's source classification based on the PCE used at this facility:

Using the amount of PCE written in No. 2 above, select the facility's classification:
Indicate with an "X" which classification applies to the facility.

4. List the machines located at this facility:

List **all** the machines for this location. For each machine located at the facility, list the make, model, serial number (if it can be found), installed date, and the control device required for the machine. Use 'Control Device Requirements' table below for guidelines for control device requirements. Write the date of the machine's installation in the date-month-year (dd-mm-yy) format.

If a machine listed as an 'existing' machine is moved to another location, it becomes new installation and must meet all the applicable requirements. Note: A facility can have both new and old machines at the same location. Different machines can have different control and reporting requirements at the same location.

If a facility has machines initially installed before December 9, 1991 the machine will be classified as "existing". If a facility has machines initially installed on or after December 9, 1991, the source will be classified as "new".

Control Device Requirements

<u>Classification</u>	<u>Control Device</u>
Existing Small Area Source	None Required
Existing Large Area Source	Refrigerated Condenser (Carbon Adsorbers if machine installed before 11-22-93)
New Small and Large Area Source	Refrigerated Condenser

Major and ALL New Area Sources after December 21, 2005. Refrigerated Condenser and pass the air-PCE gas-vapor stream from inside the dry cleaning machine drum through a non-vented carbon adsorber or equivalent control device immediately before the door of the dry cleaning machine is opened.

5. Collocated means located in a building with residential or commercial.

6. Halogenated hydrocarbon detector or PCE gas analyzer available?

Indicate Yes or No and the type, make and model.

7. Comments: If this notification is a change of owner, address, or name change include a comment explaining this on the 'Comments' line.

8. Compliance certification: Indicate with an "X" if you are in compliance. Compliance means using the required control devices, performing the required pollution prevention, recordkeeping and reporting as required by the Subpart M NESHAP for Perchloroethylene Dry Cleaning Facilities.

Responsible Official Certification

Print or type the name of the responsible official and his/her title. The responsible official must sign and date this form.

A Responsible Official can be:

- The president, vice president, secretary, or treasurer of the company that owns the dry cleaning facility,
- An owner of the dry cleaning facility,
- The manager of the dry cleaning facility, or
- A government official, if the dry cleaning facility is owned by the Federal, State, City or County government,
- A ranking military officer, if the dry cleaning facility is located at a military base.

Make a copy of the completed form for your records.

Mail the signed and completed Notification of Compliance status form to:

HAPs Section
Utah Division of Air Quality
P.O. Box 144820
Salt Lake City, UT 84114-4820

Note:

Each dry cleaning system installed after December 21, 2005 at an area source shall route the air-PCE gas-vapor stream contained within each dry cleaning machine through a refrigerated condenser and pass the air-PCE gas-vapor stream from inside the dry cleaning machine drum through a non-vented carbon adsorber or equivalent control device immediately before the door of the dry cleaning machine is opened. The carbon adsorber must be desorbed in accordance with manufacturer's instructions.

References: Title 40 Code of Federal Regulations Part 63 Subpart M (National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities) [last revised September 22, 2006]

Utah SBEAP Website: http://www.airquality.utah.gov/Permits/HAPs_and_Small_Business.htm

EPA Website: <http://www.epa.gov/ttn/atw/dryperc/dryclpg.html>

Need More Help?

For additional information on Dry Cleaning operations, please contact the **Small Business Environmental Assistance Program** at:

1-800-270-4440 or 536-4000