# IR QUALITY REGISTRATION FORM: DRY CLEANING FACILITIES

#### ASSISTANCE AVAILABLE @

DEQ Customer Assistance: (405) 702-9100

(800) 869-1400

Air Quality Division: (405) 702-4100

COMPAN	Y NAME									
Owner/Op	erator									
Mailing Ad	ddress									
City					State			Zip		
Phone:			Fax			E-mail:	,			
PLANT N	AME									
Physical A	ddress									
City					State			Zip		
Phone:			Fax			E-mail:				
<ol> <li>If you check either of the following boxes you are not subject to the NSPS or NESHAP, nor do you need a permit:         <ul> <li>your dry cleaner is a pick-up store. No perchloroethylene or petroleum solvent dry cleaning machines are located at this plant.</li> <li>your dry cleaning plant has only coin operated perchloroethylene dry cleaning machines that are operated by the customers, and your annual perchloroethylene consumption is less than 600 gallons for a plant using only transfer machines or both dry-to-dry and transfer machines, or 700 gallons for a plant using only dry-to-dry machines.</li> </ul> </li> </ol>										
	NO FUE	RTHER INFORM	<b>MATION</b>	IS REQ	UIRED.	SKIP TO	) NU	MBE	R 5.	
following	boxes yo	e following that a ou are subject to Standard for Hazar	the federa	l New	Source Pe	erformanc				
	manufac a cartrid annual p	your dry cleaning plant uses petroleum solvent dry cleaning dryers with a total manufacturers' rated dryer capacity of the plant greater than 38 kilograms (84 pounds), a cartridge filter or dryer was manufactured between 12/14/82 and 9/21/84, and your annual petroleum solvent consumption is greater than 4,700 gallons. You are subject to the federal NSPS Subpart JJJ.								
	manufac and a ca	cleaning plant turers' rated dryer rtridge filter or dr deral NSPS Subpa	capacity of yer was m	of the pla	ant greate	r than 38	kilogr	rams (	(84 pour	nds),
		cleaning plant use operated by the c								

# THE FEDERAL STANDARDS MAY REQUIRE CERTAIN TYPES OF CONTROL DEVICES TO BE INSTALLED ON YOUR EQUIPMENT. PLEASE USE TABLE I TO HELP YOU DETERMINE WHAT IS NEEDED.

3.	Check	all of the following that apply to your dry cleaning plant.
		you checked box three under question number 2, and the machines were installed in your facility on or after 9/22/93.
		you use transfer machines only, or dry-to-dry and transfer perchloroethylene machines at your dry cleaning plant (including customer operated coin-op machines) and your annual perchloroethylene consumption is greater than 1,800 gallons.
		you use only perchloroethylene dry-to-dry machines at your dry cleaning plant (including customer operated coin-op machines) and your annual perchloroethylene consumption is greater than 2,100 gallons.
		you use transfer machines only, or dry-to-dry and transfer perchloroethylene machines (including customer operated coin-op machines) and your annual perchloroethylene consumption is greater than 600 gallons.
		you use only perchloroethylene dry-to-dry machines (including customer operated coin-op machines) and your annual perchloroethylene consumption is greater than 700 gallons.
		you use petroleum solvent dry cleaning machines and your annual solvent consumption is greater than 30,000 gallons.
		you use petroleum solvent dry cleaning machines that were installed at your plant on or after $10/15/72$ and your annual solvent consumption is greater than 1,500 gallons.
		you use a boiler or heater with a capacity greater than 10 MMBTUH.
		OU CHECKED ANY OF THE BOXES ABOVE, YOU CAN SKIP TO NUMBER 5. RMIT IS REQUIRED. APPLICATION FORMS WILL BE SENT TO YOU.

IF YOU ARE A PETROLEUM SOLVENT DRY CLEANER AND YOU DID NOT CHECK ANY OF THE BOXES ABOVE, OR IN QUESTION NUMBER 2, YOU ARE NOT SUBJECT TO THE NSPS NOR DO YOU NEED A PERMIT. SKIP TO NUMBER 5.

4. If you checked a box in question number 2, but not in question number 3, you are subject to an NSPS or NESHAP, but do not need a permit. You must provide the following information. In the table below list each dry cleaning machine located at your plant. For each machine, show the type (e.g., dry-to-dry, washer, or dryer) and solvent used (e.g., PCE or petroleum solvent). For petroleum solvent, list the specific chemical or trade name (e.g., naptha or Exxon DF-2000). Also show the date the equipment was installed at your plant, and the type of control equipment used on the machine (e.g., refrigerated condenser, carbon adsorber, room enclosure, or "none").

Machine Type	Solvent	Date Installed	Control Equipment

For each type of dry cleaning solvent provide the total volume purchased for all machines at this plant over the last twelve months. List the specific chemical or trade name (e.g., perc, naptha, or  $\text{Exxon}^{\circ}$  DF-2000) for each solvent.

Solvent	Gallons	Annual Period (MM/YY to MM/YY)

### 5. Complete the following certification.

CERTIFICATION					
I certify, based on information and belief formed after reasonable inquiry, the statements and information contained in					
this document are true, accurate, and complete.					
Responsible Official (signature)					
Responsible Official (typed)		Date			
Responsible Official Title		Phone			
•					

**RETURN THIS FORM TO:** Oklahoma Department of Environmental Quality

Air Quality Division/Permits & Compliance Section

P. O. Box 1677

Oklahoma City, OK 73101-1677

## **TABLE I: Required Control Equipment**

**Perchloroethylene machines:** 

	Perchloroethylene machines installed before	Perchloroethylene machines installed on or after
	12/9/91	12/9/91
Use less than 140 gallons/year of perc in your		<u>Dry-to-dry</u> : Refrigerated Condenser
entire facility and have only dry-to-dry machines	NONE REQUIRED	
or both dry-to-dry and transfer machines		<u>Transfer</u> : NONE REQUIRED
Use less than 200 gallons/year of perc in your		
entire facility and have only transfer machines	NONE REQUIRED	NONE REQUIRED
Use between 200 and 1,800 gallons/year of perc	Must have either a Refrigerated Condenser or a	Must have either a Refrigerated Condenser or a
in your entire facility and have only transfer	Carbon Adsorber. The Carbon Adsorber must	Carbon Adsorber. The Carbon Adsorber must have
machines	have been installed prior to 9/22/93, otherwise	been installed prior to 9/22/93, otherwise you must
	you must have a Refrigerated Condenser.	have a Refrigerated Condenser.
Use between 140 and 1,800 gallons/year of perc	Must have either a Refrigerated Condenser or	<u>Dry-to-Dry</u> : must have a Refrigerated condenser.
in your entire facility and have both dry-to-dry	Carbon Adsorber. The Carbon Adsorber must	<u>Transfer</u> : Carbon Adsorber. The Carbon Adsorber
and transfer machines	have been installed prior to 9/22/93, otherwise	must have been installed prior to 9/22/93, otherwise
	you must have a Refrigerated Condenser.	you must have a Refrigerated Condenser.
Use between 140 and 2,100 gallons/year of perc.	Must have either a Refrigerated Condenser or a	Must have a Refrigerated Condenser.
in your entire facility and have only dry-to-dry	Carbon Adsorber. The Carbon Adsorber must	-
machines	have been installed prior to 9/22/93, otherwise	
	you must have a Refrigerated Condenser.	

#### **Petroleum machines:**

Please answer the following questions:

- 1. Do any of your dryers have a total manufacturer's rated capacity of 84 lbs. or greater (dry clothing)? If no, then control equipment is not required by the federal standard.
- If Yes, then proceed to question 2.
- 2. Was your equipment manufactured or significantly modified after 12/14/82? If yes, then you are subject to the control equipment requirements of the federal rule. See the adjacent box for information. HOWEVER, you may qualify for an EXEMPTION. See below:
- 3. Exemption: If your equipment was manufactured or significantly modified between 12/14/82 and 9/21/84 AND you use less than 4,700 gallons of solvent/year, then you are exempt from any control requirements for the federal standard.

The following control equipment must be present on your equipment if you answered yes to question number 2 in the adjacent box, and were not exempted:

- 1. Each dryer must be a *solvent recovery dryer*
- 2. Any filters used in the equipment must be *cartridge filters*. Cartridge filters contain both filter paper and activated carbon that traps and removes contaminants from petroleum solvent.