

*This Advisory is provided to inform you about activities of the Air District which may affect your operation. It will help you achieve and maintain compliance with applicable air pollution regulations.*

**ATTENTION: DRY CLEANING OPERATIONS USING PERCHLOROETHYLENE (PERC) AND SYNTHETIC SOLVENTS**

**SUBJECT: NEW REQUIREMENTS FOR PERCHLOROETHYLENE (PERC) AND SYNTHETIC SOLVENT DRY CLEANING OPERATIONS (REGULATION 11-16)**





**New Requirements for Existing Facilities:** On March 4, 2009, the Bay Area Air Quality Management District (Air District) amended the Regulations for Perchloroethylene and Synthetic Solvent Dry Cleaning Operations (Regulation 11-16).

The following table highlights key requirements and deadlines for **Perchloroethylene and Synthetic Solvent Dry Cleaning Operations** regulated by Regulation 11-16. **For facilities using Perc solvent, the next deadline is December 31, 2009.**

Effective Date	Perc and Synthetic Solvent Rule Requirements
July 1, 2009	<ul style="list-style-type: none"> <li>The purchase of spotting solutions that contain halogens including, but not limited to, trichloroethylene (TCE) and/or Perc are no longer allowed.</li> </ul>
July 31, 2009	<ul style="list-style-type: none"> <li>Facilities must have submitted to the Air District an initial notification form with facility solvent and equipment information by this date or prior to start-up of dry cleaning operations, whichever is later. Initial notification must include:               <ul style="list-style-type: none"> <li>the number, types, makes, models, capacities, <u>serial numbers and dates of manufacture and solvents used for all dry cleaning equipment</u>, and</li> <li>all control systems including ventilation for each dry cleaning machine.</li> </ul> </li> </ul>
<b>December 31, 2009</b>	<ul style="list-style-type: none"> <li><b>All facilities using Perc solvent must declare either:</b> <ul style="list-style-type: none"> <li><b>intention to convert to an alternative (non-Perc) dry cleaning method and the expected date of installation for the non-Perc equipment, or</b></li> <li><b>the date Perc dry cleaning facility will stop operating.</b></li> </ul> </li> <li><b>For conversion: a facility must submit to the Air District a completed application for an Authority to Construct for the appropriate permit or exemption for the non-Perc equipment the facility intends to install. <u>Please complete the attached form.</u></b></li> </ul>
July 1, 2010	<ul style="list-style-type: none"> <li>Use of spotting solutions containing halogens including, but not limited to, TCE and/or Perc is not allowed.</li> <li>All co-residential facilities with Perc dry cleaning equipment must stop operating and remove their equipment. A dry cleaning facility located within the same building as a residence or that shares a common wall, floor or ceiling within a residence is "co-residential".</li> <li>All converted Perc solvent equipment must stop operating and be removed from service.</li> <li>All Perc solvent machines with a manufacturing date prior to July 1, 1995 or date unknown must stop operating and be removed from service.</li> <li>After this date, all Perc solvent equipment with a date of manufacture after July 1, 1995 must stop operating when the equipment reaches (15) fifteen years of age.</li> </ul>
January 1, 2023	<ul style="list-style-type: none"> <li>All facilities must stop operating and remove from service their Perc dry cleaning equipment.</li> </ul>

Further Developments: The District is considering accelerating the phase-out of existing Perc equipment under Regulation 11-16 (as amended on March 4, 2009). A public hearing will be held sometime during the first quarter of 2010 to discuss this proposal. An additional mail-out will be sent to all dry cleaning facilities to provide information on the proposed changes and the specific date for the Public Hearing.

**If you have any further needs, please contact the District at the following sources:**

-  For questions regarding this Advisory, contact Janet Simon, Air Quality Specialist, at [jsimon@baaqmd.gov](mailto:jsimon@baaqmd.gov) or (415) 749-4780
-  For questions regarding submitting permit notification, contact Marc Nash, Air Quality Specialist, at [mnash@baaqmd.gov](mailto:mnash@baaqmd.gov) or (415) 749-4677
-  For compliance assistance, call (415) 749-4999, the Compliance Counselor Hotline.
-  For a copy of the rules listed above, go to [www.baaqmd.gov/dst/regulations/index.htm](http://www.baaqmd.gov/dst/regulations/index.htm).

**December 31, 2009 Notification**

The notification may take the form of a letter, or complete the questions below and return this form or a completed copy of this form to BAAQMD Toxic Evaluation Section, 939 Ellis St, San Francisco, CA, 94109. Deadline: Must be postmarked by **December 31, 2009**.

*(If you do not know the answer to a question below, leave that portion blank.)*

**Please print written answers and check all that apply:**

Plant #: \_\_\_\_\_ Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact (owner or manager): \_\_\_\_\_

I currently have one or more Perc solvent machines at my facility. If checked, Please enter the following information:

	Number	Description	Serial Number
Source:			
Source:			
Source:			

NOTE: If Serial Number can not be determined, then machine must cease operation on July 1, 2010. Please select method of compliance.

- My equipment is younger than 15 years on July 1, 2010, and will continue operating until: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_.  
month / day / year
- I intend to switch to alternative solvent equipment by July 1, 2010.
- I intend to switch to alternative solvent equipment on \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_.  
month / day / year
- I am planning to replace, but have not yet made a choice.
- I intend to shutdown my Perc solvent equipment on July 1, 2010 and become a drop shop.
- I am already a drop shop.

I have already replaced my Perc equipment.

The machine I replaced uses the following solvent:

<input type="checkbox"/> hydrocarbon (DF2000 , Ecosolv)	<input type="checkbox"/> D5 Siloxane (GreenEarth)	<input type="checkbox"/> Glycol Ether (Rynex)	<input type="checkbox"/> GreenJet
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Number of machines: \_\_\_\_\_  Wet Cleaning  n-propyl Bromide  CO2  Other

If other, please indicate solvent or machine type: \_\_\_\_\_

I hereby certify that all information contained on this form is true and correct (Please Sign and date this form)

\_\_\_\_\_  
Name of person certifying Title of person certifying Signature of person certifying date