



Air Pollution Control Board
Greg Cox District 1
Dianne Jacob District 2
Pam Slater-Price District 3
Ron Roberts District 4
Bill Horn District 5

October 1, 2007

COMPLIANCE ADVISORY

CHANGES IN THE CALIFORNIA LAW AFFECTING PERCHLOROETHYLENE (PERC) DRY CLEANING OPERATIONS

The San Diego County Air Pollution Control District (District) is the local government agency that enforces air pollution laws in San Diego County. One of these laws (17 CCR 93109) was adopted years ago by the State of California Air Resources Board (ARB), and applies to dry cleaning operations using perchloroethylene (perc).

On January 25, 2007, the State of California ARB changed this law. This change will eventually require all dry cleaners using perc to replace their perc machines with another type of cleaning process. This change in state law has not yet become final, but is expected to become final around January 1, 2008.

Attached to this advisory is a fact sheet written by the State of California ARB summarizing the changes. The District is sending this fact sheet to assist dry cleaning businesses with planning for the changes to state law.

If you have any questions regarding this advisory and wish to contact the District, please contact Kevin Heiss at (858) 586-2656 or by e-mail at Kevin.Heiss@sdcounty.ca.gov, or Cara Bandera at (858)586-2751 or by e-mail at Cara.Bandera@sdcounty.ca.gov. Please note that the District has no authority to relax the requirements of this law.

KH:CB:jlm

Attachment



Fact Sheet

California Environmental Protection Agency

 **Air Resources Board**

Amended Dry Cleaning ATCM Requirements

On January 25, 2007, the California Air Resources Board (ARB) approved the amendments to the Airborne Toxic Control Measure for Emissions of Perchloroethylene (Perc) from Dry Cleaning Operations (Dry Cleaning ATCM). These amendments will be effective upon final approval by the Office of Administrative Law which is anticipated to be by December 31, 2007. The major requirements of the amended Dry Cleaning ATCM are summarized in this fact sheet.

Who does the Dry Cleaning ATCM apply to?

The requirements of the amended Dry Cleaning ATCM applies to any person who sells or distributes Perc and who installs, owns, operates, or distributes cleaning equipment in California that uses a solvent the contains Perc.

What are the major new requirements for Perc dry cleaners?

The amendments to the Dry Cleaning ATCM will:

- Prohibit the installation of new Perc dry cleaning machines beginning on January 1, 2008;
- Eliminate the use of existing Perc machines at co-residential facilities (facilities that share a wall with, or are located in the same building, as a residence) by July 1, 2010;
- Require that converted machines, and machines that are 15 years or older, be removed from service by July 1, 2010;
- Require that all Perc machines be removed from service once they become 15 years old (as a result, all remaining Perc machines must be removed from service by January 1, 2023); and
- Expand good operating practices and recordkeeping and reporting requirements.

The requirements for Perc dry cleaners may not apply to those located in the South Coast Air Quality Management District (SCAQMD) if the SCAQMD's Rule 1421 is determined to be equivalent to the amended Dry Cleaning ATCM. Please contact ARB or SCAQMD staff regarding equivalency questions.

What are the available alternative dry cleaning technologies?

There are a variety of alternative dry cleaning machines available for use, with some suitable for each of the available alternative dry cleaning solvents. The available alternative dry cleaning solvents include the following:

- Water-based cleaning,
- Carbon dioxide (CO₂),
- Hydrocarbon solvent (DF-2000™ Fluid, EcoSolv®, and Shell Sol 140 HT),
- GreenEarth® solvent (composed of volatile methyl siloxane),

- Propylene glycol ether (Rynex™ or Rynex3),
- Stoddard solvent, and
- PureDry® solvent (a blend of hydrocarbon and chemical additive).

The solvents listed above are known to be used in California and is not meant to be an exhaustive list, other solvents may also be available.

Is there any financial assistance available?

The California State Legislature enacted Assembly Bill (AB) 998, which established the Non-Toxic Dry Cleaning Incentive Program. The Non-Toxic Dry Cleaning Incentive Program is composed of a grant program and a demonstration program. The objective of the grant program is to provide financial assistance (\$10,000) to California dry cleaners for a portion of the cost to replace their existing Perc dry cleaning systems with non-toxic and non-smog forming systems such as water-based and CO₂ cleaning systems. The demonstration program was established to showcase professional non-toxic and non-smog forming dry cleaning technologies statewide, and to provide an opportunity to educate dry cleaners on the benefits, costs, and effectiveness of these alternatives.

Where can I find more information on the Dry Cleaning ATCM status and requirements?

Upon final approval by the Office of Administrative Law of the amended Dry Cleaning ATCM, ARB will post an advisory on the ARB website for the dry cleaning program, email the advisory to the dry cleaning listserve recipients, and mail the advisory to dry cleaning facilities.

In addition, information may also be obtained from the ARB website for the dry cleaning program at: www.arb.ca.gov/toxics/dryclean/dryclean.htm This website contains regulatory information and formal rulemaking documents.

For more information on the status and requirements of the amended Dry Cleaning ATCM, please feel free to contact one of the following ARB staff.

Mei Fong
Phone: (916) 324-2570

Sonia Villalobos
Phone: (916) 327-5983

Hafizur Chowhurry (AB 998 Program)
Phone: (916) 322-2275

Alternately, you may contact ARB staff via email at dryclean@arb.ca.gov