

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 SOLVENT AND NON-HALOGENATED SOLVENTS

SUBJECT: NEW REQUIREMENTS FOR PERCHLOROETHYLENE (PERC) AND SYNTHETIC SOLVENT DRY CLEANING OPERATIONS (REGULATION 11-16) AND NON-HALOGENATED SOLVENT DRY CLEANING OPERATIONS (REGULATION 8-17)

New Requirements for Existing Facilities: On March 4, 2009, the Bay Area Air Quality Management District amended the Regulations for Perchloroethylene and Synthetic Solvent Dry Cleaning Operations (Regulation 11-16) and Non-Halogenated Solvent Dry Cleaning Operations (Regulation 8-17).

The following table highlights key new requirements for **Perchloroethylene and Synthetic Solvent Dry Cleaning Operations** regulated by Regulation 11-16.

Date	Perc and Synthetic Solvent New Requirements
January 1, 2008	<ul style="list-style-type: none"> • Prohibits new or replacement machines using Perc, dry cleaning cabinets, dip tanks and water repellent treatment outside of a dry cleaning machine. • Certified operator must be on site.
July 1, 2009	<ul style="list-style-type: none"> • The purchase of spotting solutions that containing halogens including, but not limited to, trichloroethylene TCE and/or Perc is not allowed.
July 31, 2009	<ul style="list-style-type: none"> • Facilities must submit to the Air District an initial notification form with facility solvent and equipment information by this date or prior to commencement of dry cleaning operations, whichever is later.
December 31, 2009	<ul style="list-style-type: none"> • All facilities using Perc solvent must declare either: <ul style="list-style-type: none"> ○ Their intention to convert to an alternative (non-Perc) dry cleaning method and the expected date of installation for the non-Perc equipment, or ○ The date their Perc dry cleaning facility will stop operating. ○ For conversion: 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.
July 1, 2010	<ul style="list-style-type: none"> • Use of spotting solution containing halogens including, but not limited to, TCE and/or Perc is not allowed. • All co-residential facilities must stop operating and remove their Perc dry cleaning 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". • All converted Perc solvent equipment must stop operating and be removed from service. • All Perc solvent machines with a manufacturing date prior to July 1, 1995 or date unknown must stop operating and be removed from service. • 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.
January 1, 2023	<ul style="list-style-type: none"> • All facilities must stop operating and remove from service their Perc dry cleaning equipment.

The following table highlights key new requirements for **Non-Halogenated Solvent Dry Cleaning Operations** regulated by Regulation 8-17.

Date	Non-Halogenated Solvent New Requirements
March 4, 2009	<ul style="list-style-type: none">• All new non-halogenated dry cleaning machines must be closed-loop. A dry cleaning machine which washes, extracts and dries within a single unit and recirculates solvent-laden vapors through a condenser with no exhaust to the atmosphere during the drying cycle is a "closed-loop" machine.• Non-halogenated dry cleaning machines that are exempt from permit requirements must be registered:<ul style="list-style-type: none">○ New machines must register within 30 days of installation;○ Unregistered existing machines must register within 90 days of March 4, 2009 (i.e., no later than June 2, 2009).• To be exempt from permit requirements, you must use less than 200 gal/yr of gross solvent use.
July 1, 2009	<ul style="list-style-type: none">• Purchase of spotting solutions containing halogens including, but not limited to, TCE and/or Perc is not allowed.
July 1, 2010	<ul style="list-style-type: none">• Use of spotting solutions containing halogens including, but not limited to, (e.g. TCE and/or Perc) is not allowed.

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 workshop will be held on June 10, 2009 to discuss this proposal.

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 or (415) 749-4780
- ☎ For questions regarding submitting permit notification, contact Marc Nash, Air Quality Specialist, at 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.