



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**INACTIVE**

B005066

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: SEPTEMBER 2013**

### **OWNER OF OPERATOR (Co.#322)**

Professional Cleaners  
10751 Redlands  
Hesperia, CA 92345

### **EQUIPMENT LOCATION (Fac.#985)**

Professional Cleaners I  
18195 Highway 18  
Apple Valley, CA 92307

#### **Description:**

DRY CLEANING - PERC consisting of: Year of Manufacture 1997: LINDUS, model 600R, closed loop system, with a high power refrigerator unit and 100% heat recovery coil (heat pump) system, connected to a REGENAIR

#### **CONDITIONS:**

1. Change of type solvent from that cited in equipment description shall not be made without written approval from the District.  
District Rule 204
2. This dry cleaning machine can not be operated in the State of California after June 30, 2013.  
Title 17 CCR 93109(h)(4)
3. The dry cleaning equipment must be operated in accord with 17 CCR Section 93109 and CARB Executive Order G-96-014-93109-05c  
District Rule 204
4. The facility must have at least one trained operator (see 17 CCR Section 93110). Also a trained operator must be onsite when the dry cleaning machine is operating. Attach a copy of the trained operator's current certificate to the posted permit.  
Title 17 CCR 93109(i)(1)(A), (B), & (C)
5. The owner / operator shall notify the district in writing within 15 days of the departure of the trained operator; and obtain certification for a replacement trained operator within 3 months unless the district determines that the initial course of an environmental training program is not reasonably available, the district may extend the certification period for a replacement trained operator until 1 month after the course is reasonably available.

Fee Schedule: 7 (a)      Rating: 1 device      SIC: 7216      SCC: 40100101      Location/UTM(Km): 482E/3821N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

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By: **COPY**  
**Brad Poiriez**  
Air Pollution Control Officer

Title 17 CCR 93109(i)(1)(D)

6.The dry cleaning machine must be a closed loop (dry to dry).

Title 17 CCR 93109(e)(1)

7.The manufacturer's operating manual for all components of the dry cleaning system shall be retained onsite for the life of the equipment.

Title 17 CCR 93109(j)(2)

8.Records shall be kept on approved District forms. The forms are as follows:

- (a) "Pounds of Clothes per Load",
- (b) "Operations and Maintenance Checklist",
- (c) "Weekly Leal Inspection Checklist",
- (d) "Service and Repair Log",
- (e) "Perchloroethylene Log -- Purchase and Monthly Inventory", and
- (f) "Annual Report".

Title 17 CCR 93109(j)(1)

9.All records or copies thereof, shall be maintained in English and shall be accessible at the facility at all times.

Title 17 CCR 93109(j)(4)

10.Primary control systems, other than refrigerated condensers, shall be operated to ensure that exhaust gases are recirculated until the perchloroethylene concentration in the drum is less than or equal to the manufacturers, at the end of the drying cycle, before the machine door is opened and any fugitive control system activates.

11.Refrigerated condensers shall be operated to ensure that exhaust gases are recirculated until the air-vapor stream temperature on the outlet side of the refrigerated condenser, downstream of any bypass, is less than or equal to 45 degrees F. (7.2 degrees C).

Refrigerated condensers shall have a graduated or digital thermometer with a minimum range from 0\oF (-18\oC) to 150\oF (66\oC), which measures the temperature of the outlet vapor stream, downstream of any bypass of the condenser, and is easily visible to the operator.

Title 17 CCR 93109(i)(2)(A)1&2

12.Secondary control system (see 17 CCR Section 93109 (g)((3)(C)) that is designed to work with the primary control system and not exhaust to the atmosphere or workroom and has been demonstrated, by the manufacture per Section 93109 (h), to achieve a perchloroethylene concentration in the drum of 300 ppmv or less (Does not require infield testing).

13.This unit must have in secondary control system, carbon adsorbers, per CARB Executive Order. The carbon adsorbers must be stripped or desorbed in accordance with manufacturer s instructions or at least weekly, whichever is more frequent.

Title 17 CCR 93109(i)(2)(A)10

14.Cartridge filters and adsorptive cartridge filters shall be handled using one of the following methods:

- (a) Drained in the filter housing, before disposal, for no less than: 24 hours for cartridge filters and 48 hours for adsorptive cartridge filters. If the filters are then transferred to a separate device to further reduce the volume of Perc, this treatment shall be done in a system that routes any vapor to a primary control system, with no exhaust to the atmosphere or workroom; or
- (b) Dried, stripped, sparged, or otherwise treated, within the sealed filter housing, to reduce the volume of Perchloroethylene contained in the filter.

Title 17 CCR 93109(i)(2)(A)3

15.The trained operator inspects the dry cleaning system at least once a week for liquid leak (more than 1 drop of perc per every 3 minutes) and vapor leak (Perc vapor from unintended openings that exceeds 50 ppmv of Perc) using either a halogenated-hydrocarbon detector or a portable gas analyzer.

Title 17 CCR 93109(i)(3)(A)

16.All leaks are to be reported on a Weekly Leak Inspection Checklist.

Title 17 CCR 93109(i)(3)(C)

17.All liquid leak or vapor leak shall be repaired immediately upon detection. If repair parts are not available at the facility, the parts shall be ordered within the next business day (Monday through Friday) of detecting such a leak. Such repair parts shall be installed within two business days after receipt. A facility with a leak that has not been repaired by the end of the 7th business day after detection shall not operate the dry cleaning machine, until the leak is repaired, without a leak-repair extension from the District

Title 17 CCR 93109(i)(3)(E)2

18.Annual Leak Checks. The Perc dry cleaning system shall be inspected at least once per calendar year for liquid and vapor leaks using a portable detector which gives quantitative results with less than ten (10) percent uncertainty at 50 ppmv of Perc. Upon written request, a district may approve an annual leak check extension of 12 months or less.

Title 17 CCR 93109(i)(3)(B)

19.Solvent and solvent waste will, at all times, be handled in a manner to preclude or minimize emissions of hydrocarbons into the air. Waste solvent/sludge will be maintained in sealed container until proper disposal is made. Contact the San Bernardino County Fire Department, Hazardous Materials Division, (909) 387-8925, for further information pertaining to waste solvent/sludge disposal.  
District Rule 204

20.The owner or operator (o/o) shall submit to the MDAQMD the following information for the preceding calendar year (January 1 through December 31) by February 28 in a manner prescribed by the MDAQMD:

(a) A copy of the trained operator or operators certificate(s),

(b) Total pound of materials cleaned using perchloroethylene,

(c) Total gallons of perchloroethylene purchased (added) to this dry cleaning machine,

(e) Copy of the Annual Leak Check Report, see condition # 18.

(f) Distance to nearest residential and business receptors

Reference 40 CFR 51 Subpart A; H&SC 39607(b), 40701(g), 44341 & 44344.6, and Title 17 CCR \S93109(k)(1); and MDAQMD Rule 204

21.Button and lint traps shall be cleaned and inspected for damage each workday and the lint placed in a tightly sealed container.

Title 17 CCR 93109(i)(2)(A)5

22.The facility owner/operator shall keep on site a spare lint filter.

Title 17 CCR 93109(i)(2)(A)6

23.The facility owner/operator shall keep on site a spare set of gaskets for the loading door, still, lint trap, button trap, and water separator.

Title 17 CCR 93109(i)(2)(A)7

24.The stand alone wastewater treatment units shall be operated to ensure that no liquid Perc or visible emulsion is allowed to vaporize.

Title 17 CCR 93109(i)(2)(A)9

25.All parts of the dry cleaning system where Perc may be exposed to the atmosphere or workroom shall be kept closed at all times except when access is required for proper operation and maintenance.

Title 17 CCR 93109(i)(2)(A)8

26.The still, and any muck cooker, shall not exceed 75 percent of its capacity, or an alternative level recommended by the manufacturer. A still, and any muck cooker, shall cool to 100\oF (38\oC) or less before emptying or cleaning.

Title 17 CCR 93109(i)(2)(A)4

27.This facility shall not operate drying cabinets and/or dip tanks that use Perchloroethylene as a dry cleaning agent.  
Title 17 CCR 93109(h)(1)

28.No person shall perform Perc water-repelling operations unless all materials are treated in a converted, primary control, add-on secondary control, or integral secondary control machine. Persons conducting water-repelling operations shall comply with the prohibitions and requirements in Title 17 CCR 93109 subsections (e), (f), (g), and (h).  
Title 17 CCR 93109(l)

29.This dry cleaner is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Emissions of Perchloroethylene from Dry Cleaning Operations. In the event of conflict between these conditions and the ATCM, the most stringent requirements shall govern.  
[Title 17 CCR 93109 and District Rule 204]