PREMISE NUMBER:13-18-00-8076 **PTI NUMBER:** 13-3488
FACILITY NAME: Tomeric Cleaners

EQUIPMENT DESCRIPTION: New, small dry to dry machine with refrigerated condenser.

ADDITIONAL TERMS AND CONDITIONS

A. NESHAP control equipment requirements

1. The exhaust from each dry cleaning machine shall be vented through a refrigerated condenser or an equivalent control device.

B. Operational restrictions

1. The permittee shall drain all cartridge filters in their housing, or other sealed container, for a minimum of 24 hours, or shall treat such filters in an equivalent manner, before removal from the dry cleaning facility.

2. The permittee shall store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks or solvent containers with no perceptible leaks.

3. The door of each dry cleaning machine shall be closed at all times except to transfer articles to and from the machine.

4. The dry cleaning machine shall be operaed and maintained according to manufacturer's specifications and recommendations.

5.The outlet gas-vapor stream temperature of the condenser shall be a maximum of 45 degrees Fahrenheit.

6. Perechloroethylene shall not be vented or released to the atmosphere while the dry cleaning machine drum is rotating.

7. The machine shall be operated with a diverter valve to prevent air drawn into the dry cleaning machine (when the machine door is open) from passing through the refrigerated condenser.

C. NESHAP monitoring requirements

1. Visual leak monitoring requirements

(a). A leak detection and repair program to inspect all dry cleaning equipment for leaks that are obvious from sight, smell, or touch shall be conducted. Pursuant to OAC rule 3745-21-09(AA)(1)(e), any equipment found to be leaking perchloroethylene liquid or vapor is not to be operated

until the leak is repaired. Leaks are to be repaired within 24 hours after being found, or repair parts ordered within 2 working days after detecting a leak that needs repair parts. Repair parts shall be installed within 5 working days after they are received. In accordance with 40 CFR Part 63 Subpart M, compliance with this requirement shall be determined through biweekly visual inspection of the following components while the dry cleaning system is operating:

(1) hose and pipe connections, unions, couplings, and valves;
(2) machine door gaskets and seatings;
(3) filter head gasket and seating;
(4) pumps;
(5) solvent tanks and containers;
(6) water separators;
(7) filter sludge recovery;
(8) distillation valves;
(9) diverter valves;
(10) saturated lint from lint basket;
(11) cartridge filters and housing;
(12) muck cookers
(13) stills; and
(14) exhaust dampers.

2. The temperature of the air-perchloroethylene gas-vapor stream on the outlet side of the refrigerated condenser shall be measured weekly with a temperature sensor. The temperature sensor shall be used according to the manufacturer's instructions and shall be designed to measure a temperature of 45 degrees Fahrenheit to ans accuracy of plus or minus 2 degrees Fahrenheit. If the outlet temperature is higher than 45 degrees Fahrenheit, adjustments or repairs shall be made to meet the value. Repair parts shall be ordered within 2 working days after detecting a violation that needs repair parts. Repair parts shall bed installed within 5 working days after they are received.

D. Record keeping requirements

1. The following records shall be kept on site in a log for a period of not less than 5 years, and shall be made available upon request:

a. Receipts of all perchloroethylene purchases,
b. The volume of perchloroethylene purchased each month as recorded from perchloroethylene purchases. If no Perchloroethylene is purchased during a given month, then the entry in to the log shall be zero gallons.
c. The calculation and result of the yearly perchloroethylene consumption (12 month rolling summation), to be determined on the first day of each month.

d. The results of all visual inspections, including the dates when the dry cleaning system components are inspected for leaks and the name or location of dry cleaning system components where leaks are detected.

e. The dates of repair and records of written or verbal orders for repair parts.

f. The results and dates of all equipment monitoring required by this permit.

2. The following records shall be kept for a period of not less than three years:

a. Control equipment maintenance.

b. The amount of fabric dry cleaned with perchloroethylene, from January 1 to December 31 of each year, in pounds.

3. A copy of the design specifications and the operating manuals for each dry-cleaning system and each emission control device located at the dry cleaning facility shall be retained onsite and be made available upon request.

E. NESHAP reporting requirements

1. If the yearly perchloroethylene solvent consumption limit listed in the miscellaneous requirements section of this permit is exceeded by the rolling annual perchloroethylene consumption calculation required by the record keeping requirements section of this permit, then the permittee shall submit a signed statement as required by 40 CFR 63.324(c).

F. Miscellaneous Requirements

1. If the total yearly consumption of perchloroethylene exceeds 1800 gallons per year, this facility becomes a major source and must comply with the requirements for a major source per 40 CFR 63, Subpart M, within 180 days of the exceedance determination.

2. The yearly perchloroethylene solvent consumption limit based on the yearly solvent consumption calculated according to 40 CFR 63.323(d) is 140 gpy.