PREMISE NUMBER: 13-18-20-6470 **PTI NUMBER:** 13-3498
FACILITY NAME: Jay Dee Cleaners

EQUIPMENT DESCRIPTION: 2 dry to dry machines with refrigerated condensers.

ADDITIONAL TERMS AND CONDITIONS

A. NESHAP control equipment requirements

1. The dryer shall be equipped with or vented to a refrigerated condenser whereby there is no exhaust of perchloroethylene vapors to the ambient air throughout the drying cycle,
except for when the dryer's door is momentarily opened during loading or unloading.

B. Operational restrictions

1.The waste from any diatomaceous earth filter which has been used to filter perchloroethylene shall contain no more than 25 percent by weight VOC, as determined under paragraph (j) of OAC rule 3745-21-10.

2. The waste from any distillation operation (solvent Still) which has been used to distill perchloroethylene shall contain no more than 60 percent by weight VOC, as determined under paragraph (J) of OAC rule 3745-21-10.

3. Any disposable filter cartridge which has been used to filter perchloroethylene shall be drained in the filter housing for at least 24 hours before being discarded.

4. All equipment must be maintain so as to prevent the leaking of perchloroethylene liquid and prevent perceptible vapor leaks from gaskets, seals, ducts, and related equipment. Any equipment which is leaking perchloroethylene liquid or has a perceptible vapor leak shall not be operated until the leak is repaired.

5. The owner operator shall store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks that or solvent containers with no perceptible leaks.

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

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

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

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

10. 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. 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 are 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 operated.

a. hose and pipe connections, fittings, couplings and valves;
b. machine door gaskets and seatings:
c. filter gaskets and seatings:
d. pumps;
e. solvent tanks and containers;
f. water separators;
g. filter sludge recovery;
h. distillation valves
i. diverter valves;
j. saturated lint from the lint basket;
k. cartridge filters and housings;
l. muck coolers;
m. stills; and
n. 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 an 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 that value. Repair parts shall be ordered within 2 working days after detecting a violation that needs repair parts. Repair parts shall be 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.

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 result 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 recordkeeping 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 gallons per year.