



CLARK COUNTY • DEPARTMENT OF AIR QUALITY
4701 W Russell Rd., Suite 200 • 2nd Floor • Las Vegas NV 89118-2231
(702) 455-5942 • Fax (702) 383-9994

**DRY CLEANER OPERATIONS
ANNUAL EMISSIONS INVENTORY REPORT**

For DAQ Use Only

Source ID (Permit) Number: _____ Reporting Year: _____
Company Name _____
Source (Facility) Name _____
Source (Facility) Address _____
City, State, and Zip _____
Mailing Address (If different) _____

1. How many gallons of each product below did your facility use during the calendar year of this report?
 - a. Perchloroethylene (PERC) _____ gallons
 - b. Petroleum Solvent _____ gallons
 - c. Other Solvent _____ gallons
2. What is the volatile organic compounds (VOC) content (lbs per gallon) of the solvent, other than PERC or Petroleum?
(Note: VOC content is specified in the Material Safety Data Sheet (MSDS) by solvent) _____ lbs/gallon
3. Method of Measurement: _____
4. Actual hazardous air pollutants (HAP) emissions from PERC used:
(Note: If you are completing this form manually, refer to the directions on Page 2) _____ tons/year
5. Actual VOC emissions from Petroleum solvent used: _____ tons/year
6. Actual VOC emissions from other solvent used: _____ tons/year
7. If you have a boiler (emission unit) listed in your permit, complete the following table. Input hours of operation for each unit as listed in the permit. If hours of operation are not listed in the permit, input 8,760 hours.

Boiler Emissions											
EU#	Permitted Hours (P)	Actual Hours (A)	Ratio A/P		PM ₁₀	PM _{2.5}	NO _x	CO	SO _x	VOC	HAP
				PTE*							
				Actual							
				PTE*							
				Actual							
				PTE*							
				Actual							

Total Actual Emissions (tons/year):											
-------------------------------------	--	--	--	--	--	--	--	--	--	--	--

* Use Allowable Emissions if Potential to Emit (PTE) is not listed in the permit or Technical Support Document (TSD).

I certify that, based on information and belief formed after reasonable inquiry, the information contained in this document is true, accurate and complete.

Signature of Responsible Official

Signature Date

Responsible Official Print Name and Title: _____

Phone Number: _____ Cellular Number: _____

Responsible Official Email Address: _____

Please complete this form to the best of your knowledge electronically. Submit the completed report with the Responsible Official's original (wet) signature to the Department of Air Quality by mail or in person at the address listed above.

Directions for completing the form manually:

- Actual HAP emissions (tons/year) from PERC used = Take the total PERC used during the reporting year in gallons, and multiply the value by 9.52 lbs/gallon. Divide the results by 2000 to yield the tons/year of HAP emissions from PERC usage for your report.

Gallons of PERC: _____ **X 9.52 lbs/gallon ÷ 2000 lbs/ton =** _____ **tons/year of HAP.**

- Actual VOC emissions (tons/year) from Petroleum solvent used = Take the total Petroleum solvent used during the reporting year in gallons and multiply the value by 6.40 lbs/gallon. Divide the results by 2000; this provided the tons/year of VOC emissions from petroleum solvent usage.

Gallons of Petroleum: _____ **X 6.40 lbs/gallon ÷ 2000 lbs/ton =** _____ **tons/year of VOC**

- Actual VOC emissions (tons/year) from other solvent used = Take the total solvent (other than PERC or Petroleum) used during the reporting year in gallons and multiply the value by the VOC content (lbs/gallon) of the solvent. Divide the results 2000 to yield the VOC emissions in tons/year from the other solvent usage. VOC content for solvents other than PERC or Petroleum must be obtained from' the MSDS for the solvent.

Gallons of other solvent: _____ **X VOC content in lbs/gallon ÷ 2000 lbs/ton =** _____ **tons/year of VOC**

- Actual emissions from the boiler for each regulated pollutant (If you have a boiler listed in your permit and the boiler is operated during the reporting year):
 1. Take the actual Hours of operation of the boiler (A) and divide the value by the permitted hours of operation (P) to get the A/P Ratio. If the permitted hours of operation not listed in the permit, use 8,760 hours for (P)
 2. Multiply the A/P ratio by the PTE in tons/year of each regulated pollutant for the boiler. The PTE/Allowable of each pollutant for the boiler is listed in the permit or in the TSD.

Actual Hours ÷ Permitted Hours = A/P ratio;

A/P Ratio X each regulated pollutant's PTE in tons per year = Actual emissions for each pollutant in tons/year.

3. Repeat the procedure above for each additional boiler permitted.

- The facility's total actual VOC emissions = actual VOC emissions from petroleum solvent used + actual VOC emissions from other solvent used + actual VOC emissions from the boiler.
- The facility's total HAP emissions = HAP emissions from PERC used + HAP emissions from the boiler

If you have any questions or need clarification on completing this form, please contact the Air Quality Small Business Assistant Program at (702) 455-5942.