Print Form

DEGREASERS – Batch COLD, BATCH VAPOR, & IN-LINE CLEANING MACHINES FORM AQGP-105
ASSIGNMENT TO GENERAL AIR CONTAMINANT DISCHARGE PERMITS ANSWER SHEET

Source Category Description:

Halogenated solvent degreasers using batch cold, batch vapor and in-line cleaning machines, excluding buckets, beakers and pails with capacities less than two gallons, subject to Part 63, Title 40 of Code of Federal Regulations, Subpart T as adopted under OAR 340-244-0220.

1. Qualifications: For each qualification statement listed below, answer "yes" or "no" in the far right column.

a. Do the operations meet the description provided above?	
b. Are there any other activities identified in OAR 340-216-0020, Table 1?	
c. Are there any other activities not described above that cause air pollutant emissions?	
d. Is the facility currently in compliance with DEQ regulations?	
e. Have there been any violations in the last 5 years?	
f. If there have been violations, have they been resolved?	
g. Does the facility have the proper land use approvals? (For new sources, a Land Use Compatibility Statement (LUCS) must be attached to the application.)	
h. Will the actual emissions be less than the permit limits?	

2. Source description: Provide a brief description of the halogenated solvent degreaser process, including the number of cleaning machines and any pollution control devices.

3. Permit Requirements:

All conditions of the General ACDP apply to the source, unless they are listed below. These permit conditions may or may not apply to the facility, depending on the actual processes, controls, and compliance determination methods. For each permit condition listed below, indicate whether the condition applies to your plant by writing "yes" or "no" or providing the requested information.

Permit condition	Applicability question:	Answer(s)
2.1.a	Is the facility located in Clackamas, Columbia, Multnomah, or Washington Counties? (yes/no)	
2.1.b	Is the facility located outside of Clackamas, Columbia, Multnomah, or Washington Counties? (yes/no)	
2.2.a	Were any of the equipment or processes installed on or before June 1, 1970? (yes/no)	
2.2.b	Were any of the equipment or processes installed after June 1, 1970 (yes/no)	
3.2.a.i, 4.1	Are there one or more immersion cold cleaning machines? (yes/no)	
3.2.a.ii, 4.1	Are there one or more remote reservoir cold cleaning machines? (yes/no)	
3.2.b	Are there one or more batch vapor or in-line cleaning machines? (yes/no)	
3.2.b.i	Will the permittee employ one or more of the control combinations in Attachment 1 to the permit? (yes/no)	
3.2.b.ii	Will the permittee comply with the overall emission limits for batch vapor and in-line degreasers, as an alternative to the control requirements in 3.2.a? (yes/no)	
3.2.b.iii	Will the permittee comply with the overall control system efficiency for continuous web and remote reservoir continuous cleaning machines, as an alternative to the control requirements in 3.2.a? (yes/no)	
3.3, 4.2	Is the answer to 3.2.b.i "yes" for batch vapor and in-line cleaning machines? (yes/no)	
3.4, 4.3	Is the answer to 3.2.b.i "yes" for continuous web cleaning machines? (yes/no)	
3.5, 4.4	Is the answer to 3.2.b.i "yes" for remote reservoir continuous web cleaning machines? (yes/no)	
3.6	Will the permittee use perchloroethylene? (yes/no)	
6.2, 7.1, 7.2, 8.6	Is the answer to 4.2 "yes"? (yes/no)	
6.3, 7.3, 8.7	Is the answer to 4.3 "yes"? (yes/no)	
6.2, 7.4, 8.9	Is the answer to 4.4 "yes"? (yes/no)	
6.6, 7.5, 8.2, 8.4, 8.8	Is the answer to 3.6 "yes"? (yes/no)	

Permit condition	Applicability question:	Answer(s)
8.1, 8.3	Are there one or more new batch vapor or in-line cleaning machines? (yes/no)	
8.1, 8.5	Are there one or more new batch cold cleaning machines? (yes/no)	

4. Potential HAP Emissions:
Determine the potential emissions for each solvent cleaner by multiplying the solvent/air interface area of each solvent cleaner by the listed emission factor and sum up the potential emissions for the facility.

Solvent Cleaner	Solvent/Air Interface Area[1] (square feet)	Pollutant	Emission Factor	Units	Potential Emissions (tons/year)
		HAPs	1.75	Tons/square foot of solvent/air interface area	
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		HAPs	1.75	Tons/square foot of solvent/air interface area	
		HAPs	1.75	Tons/square foot of solvent/air interface area	
				Total Potential Emissions for Facility	

1 The surface area of the liquid solvent exposed to the air.

5. Actual Emissions:
Indicate the actual volatile organic compounds (VOC) and HAP emissions from all solvent cleaning machines at the facilities for the previous 5 years, if available.

Year	Annual VOC Emissions (tons)	Annual HAP Emissions (tons)

6. Perchloroethylene Emissions:

Indicate the actual perchloroethylene emissions from all solvent cleaning machines at the facilities for the previous 5 years, if available.

Year	Annual Perchloroethylene Emissions (tons)