

Stripping Tanks



Attach a current Material Safety Data Sheet (MSDS) for each solvent to be used in this operation. Include a drawing of any equipment used to vent or collect vapors from the degreaser. If VOC content is not indicated on MSDS, please contact the manufacturer to obtain another supporting document

1 **A. EQUIPMENT DESCRIPTION**

2 Manufacturer: _____

3 Model: _____ S/N: _____

4 Internal Size of Tank: _____ (inches) Length; _____ (inches) Width; _____ (inches) Height

5 Liquid Surface Area: _____ (ft²) *Liquid surface area is the area of interface between the liquid solvent available for dipping and the air which is contiguous with the outside of the solvent degreaser.*

7 Freeboard Height: _____ (inches). *Freeboard height is the distance from the solvent-air interface to the top of the degreaser tank, based on inside tank dimensions. Freeboard height should be measured with parts in the tank.*

9 Freeboard Ratio: _____ *Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank.*

11 **B. PROCESS DESCRIPTION**

12 Please describe the type of material being removed and type of article being stripped: _____

13 _____

14 Cycle time: _____ (minutes) Operating Temp: _____ (°F/°C)

15 **C. EQUIPMENT OPERATING SCHEDULE**

16 Average: _____ Hrs/Day; _____ Days/Wk; _____ Wks/Year

17 Maximum: _____ Hrs/Day; _____ Days/Wk; _____ Wks/Year

18 **D. SOLVENT INFORMATION**

19 Solvent used: _____

20 Type of Sealing Fluid: _____

21 *Sealing Fluid is a fluid that prevents evaporation of a stripping solvent by forming a liquid or solid layer on the solvent's surface.*

22 Vapor pressure: _____ mm Hg at _____ °F/°C

23 Solvent Usage: Average: _____ gal/day or _____ gal/month

24 Maximum: _____ gal/day or _____ gal/month

25 Is Solvent Diluted with Water? Yes No

26 If yes, indicate the mixing ratio (by Volume): _____ parts Solvent to _____ parts Water

27 VOC content: _____ (g/L)

28 Storage Method for Solvent, Still Residues and Waste Solvent: _____

29 _____

30 **E. RULE 67.6.1 STANDARDS AND REQUIREMENTS**

31 Please check the appropriate box to verify compliance with Rule 67.6.1

32 The stripper will be equipped with:

33 Yes No A cover that completely covers the solvent when work is processed in the tank.

34 Yes No A facility for draining parts such that the drained solvent returns to the container.

35 Yes No A freeboard ratio greater than or equal to 0.5.

36 Yes No A sealing fluid.

37 Yes No A readily visible, permanent mark or line indicating the maximum allowable solvent level that conforms to the
38 freeboard ratio.

39 The following operating requirements will be met:

40 Yes No A permanent, conspicuous, legible label listing the applicable operating requirements is posted on or near the
41 stripping operation.

42 Yes No The stripping equipment and any emission control system are properly installed and maintained in proper working
43 order.

44 Yes No N/A Any emission control system is properly operating at all times when parts are being cleaned.

45 Yes No The required cover is not removed except to process work or to perform maintenance.

46 Yes No There are no liquid leaks from any portion of the stripping equipment. Upon detection of a liquid leak, the leak
47 shall be repaired immediately, or the stripping tank drained and taken out of service in a manner that minimizes emissions.

48 Yes No Solvent agitation, where necessary, is achieved exclusively through pump circulation or by means of a mechanical
49 mixer or ultrasonic agitation. Air or gas agitation shall not be used.

50 Yes No Solvent spraying, when necessary, is conducted by using only a continuous liquid stream (not a fine, atomized, fan,
51 or shower type spray) at a pressure which does not cause liquid solvent to splash outside of the solvent container.

52 Yes No Waste solvent and contaminated residue, if any, shall be recycled or disposed of according to requirements based
53 on the California Health and Safety Code, Division 20, Chapter 6.3 (beginning at Section 25100) concerning hazardous waste disposal.

54 **F. ALTERNATIVE EQUIPMENT**

55 In lieu of complying with the equipment requirements in Subsection (d)(5) of Rule 67.6.1, an owner/operator may use an **air pollution**
56 **control system**.

57 Is an air pollution control system being proposed? Yes No

58 If an air pollution control system is being proposed for the vapor degreaser, it must have a combined emissions capture and control
59 efficiency of at least 85% by weight.

60 *Please attach all supporting documentation pertaining to the air pollution control system to demonstrate compliance with Rule*
61 *67.6.1(e)(2) and (3).*

62 **G. RULE 1200 TOXICS EVALUATION**

63 Yes No The proposed solvent contains *Toxic Air Contaminants (TAC)* as defined by District [Rule 1200](#).

64 If the solvent used contains *Toxic Air Contaminants (TAC)* as defined by District Rule 1200:

65 List all TACs found in the solvent: _____
66 _____

67 Complete and submit the '[Rule 1200 Toxics Evaluation Supplemental Application](#)' form, including all applicable
68 documentation the form requires.

69 **Name of Preparer:** _____ **Title:** _____

70 **E-mail:** _____ **Phone No.:** (_____) _____

71 **Signature:** _____ **Date:** _____

IMPORTANT NOTE TO APPLICANT:

This form must be signed. Before acting on an application for Authority to Construct or Permit to Operate, the District may require further information, plans, or specifications. Forms with insufficient information may be returned to the applicant for completion, which will cause a delay in application processing and may increase processing fees. The applicant should correspond with equipment and material manufacturers to obtain the information requested on this supplemental form.