



## ANNUAL REPORT – BAKING OPERATION

(enter year here)

<b>Company Name:</b> _____	<b>Permit(s) #:</b> _____
<b>Facility Address:</b> _____	_____
<b>Facility Contact:</b> _____	<b>Facility Contact Title:</b> _____
<b>Phone Number</b> _____	<b>E-Mail:</b> _____

**Instructions:**

- Provide requested throughput and emissions.
- Provide your calculations.

1. Amount of yeast leavened breads/bun produced: \_\_\_\_\_ TPY
2. Total ethanol emissions **(before control)** from baking yeast leavened bread/bun: \_\_\_\_\_ TPY
3. Total ethanol emissions **(with control)** from baking yeast leavened bread/bun: \_\_\_\_\_ TPY
4. Was there any equipment failure or unusual event which resulted in excess emissions? (YES/NO) \_\_\_\_\_  
 If YES, what percentage of emissions which should have been controlled this reporting year was uncontrolled?  
 \_\_\_\_\_ %
5. Date of last source test of the APC incinerator: \_\_\_\_\_; Percent Destruction Efficiency: \_\_\_\_\_ %  
 Please attach a summary of the test results.  
 If known, Percent Capture Efficiency: \_\_\_\_\_ %

6. Ethanol Emissions

Please provide your calculation (using EPA Document 453/R-92-017 equation,  $VOC\ E.F. = 0.95Y_i + 0.195t_i - 0.51S - 0.86T_s + 1.90$ ) and supporting documentation for reported ethanol emissions, including product variety, initial baker's percent of yeast to the nearest tenth percent( $Y_i$ ), total yeast action time in hours to the nearest tenth of an hour( $t_i$ ), final spike baker's percent of yeast to the nearest tenth of a percent ( $S$ ), spiking time in hours to the nearest tenth of an hour, emission factor, production weight, % controlled. **An example of reporting format is on the following page.**

Any information presented must be true and correct to the best of your knowledge. California Health and Safety Code 42400.3.5 and 42402.4 establish separate criminal and civil penalties for any person who, knowingly and with intent to deceive, falsifies any document required to be kept pursuant to any rule, regulation, permit, or order from the Sacramento Metropolitan Air Quality Management District. By signing below, I certify that all information is true and accurate and complete to the best of my knowledge and ability.

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**BAKERY PRODUCTION**

Formula#	Description	$Y_i$ (bakers%)	$t_i$ (hours)	$\underline{S}$ (bakers%)	$T_s$ (hours)	VOC E.F. (lbs. VOC/ton of Bread)	Annual Production (lbs./yr.)	Annual Production with Control (tons/yr.)	Annual Production without Control (tons/yr.)	Actual VOC Emission (lbs./yr.)	
<b>RELATIVE MONTHLY PRODUCTION ACTIVITY</b>											
Uniform: _____ or indicate % activity below for each month. <i>(Total monthly activity should add up to 100% for the year)</i>											
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC