the respective values for the second source; similarly, P_n, D_n, V_n, T_n and H_n are the respective values for the nth source, where n is the number of the last source.

STEP 2: Calculate heat emission rate utilizing the following formula and the weighted average stack parameters obtained in Step 1:

$$Q = 7.54 \frac{D^2 V (T - 515)}{T}$$

STEP 3: Calculate plume rise utilizing the appropriate formula given below and the total heat emission rate obtained in Step 2:

$H = 2.58 (Q)^{0.6} / (X)^{0.11}$ for Q 6000 btu/sec.

$H = 0.718 (Q)^{0.75} / (X)^{0.11}$ for Q 6000 btu/sec.

STEP 4: Calculate the weighted average facility effective height of effluent release utilizing the plume rise obtained in Step 3, the average stack height obtained in Step 1 and the formula given below:

$$Y = X + H$$

STEP 5: Calculate the total facility hourly emission limitation utilizing the weighted actual stack height obtained in Step 1, the effective stack height given in Step 4, and the following formula:

$$E = \frac{(X)^{0.11} (Y)^2}{128}$$

Appendix D
Past Compliance Dates

Rule	Type of Source	Compliance Date
204(b)	New fuel combustion fuel emission sources	April 14, 1972
204(c)	St. Louis (Illinois) and Peoria MMA's with actual heat input less than, or equal to, 250 million btu per hour	
(a)	Sources determining the 6.8 lbs/mmbtu standard shall apply	December 14, 1978
(b)	Sources determining Rule 204(e) shall apply	See Rule 204(e)
204(d)	Existing sources outside the Chicago, St. Louis (Illinois) and Peoria MMA's with actual heat input greater than 250 million btu per hour	See Rule 204(e)
204(e)(1) and (2)	Fuel combustion sources located outside Chicago, St. Louis (Illinois) and Peoria MMA's which obtain an alternate emission rate	December 14, 1978
(a)	If source is in with previous Rule 204(e) (effective April 14, 1972 until December 14, 1978) prior to December 14, 1978	Date of commencement of monitoring and modeling pursuant to Rule 204 (e)(3)(C)
(b)	If source is not in compliance with the previous Rule 204(e) (effective from April 14, 1972 until December 14, 1978) prior to December 14, 1978	Date of approval of alternate standard
(b)	If source is not in compliance with the previous Rule 204 (e) (effective from April 14, 1972 until December 14, 1978) prior to December 14, 1978	Date of approval of alternate standard
204(f)	Existing sources in the Chicago St. Louis (Illinois) or Peoria MMA's burning solid fuel exclusively	March 28, 1983
204(g)	Existing sources in the Chicago St. Louis (Illinois) or Peoria MMA's burning solid fuel exclusively which obtain an alternate emisson rate	Date of approval of alternate standard
204(h)	Existing sources burning liquid fuel exclusively	May 30, 1975
204(i)	Combination of fuels sources except at a steel mill.	April 14, 1972
	Combination of fuels sources at a steel mill	March 28, 1983
204(j)	Fuel burning process emission sources	March 28, 1983
204(k)(1) (A)-(C)	Process emission sources	
	Existing sources	December 31, 1973
	New sources	December 14, 1978