

3745-266-106

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Appendix IA to rule 3745-266-106 of the Administrative Code

Stack Plume Rise

Estimated Plume Rise (in Meters) Based on Stack Exit Flow Rate and Gas Temperature

Flow rate (m ³ /s)	Exhaust Temperature (KE)										
	< 325	325- 349	350- 399	400- 449	450- 499	500- 599	600- 699	700- 799	800- 999	1000- 1499	> 1499
< 0.5	0	0	0	0	0	0	0	0	0	0	0
0.5 - 0.9	0	0	0	0	0	0	0	0	1	1	1
1.0 - 1.9	0	0	0	0	1	1	2	3	3	3	4
2.0 - 2.9	0	0	1	3	4	4	6	6	7	8	9
3.0 - 3.9	0	1	2	5	6	7	9	10	11	12	13
4.0 - 4.9	1	2	4	6	8	10	12	13	14	15	17
5.0 - 7.4	2	3	5	8	10	12	14	16	17	19	21
7.5 - 9.9	3	5	8	12	15	17	20	22	22	23	24
10.0 - 12.4	4	6	10	15	19	21	23	24	25	26	27
12.5 - 14.9	4	7	12	18	22	23	25	26	27	28	29
15.0 - 19.9	5	8	13	20	23	24	26	27	28	29	31
20.0 - 24.9	6	10	17	23	25	27	29	30	31	32	34
25.0 - 29.9	7	12	20	25	27	29	31	32	33	35	36
30.0 - 34.9	8	14	22	26	29	31	33	35	36	37	39
35.0 - 39.9	9	16	23	28	30	32	35	36	37	39	41
40.0 - 44.9	10	17	24	29	32	34	36	38	39	41	42
50.0 - 59.9	12	21	26	31	34	36	39	41	42	44	46
60.0 - 69.9	14	22	27	33	36	39	42	43	45	47	49
70.0 - 79.9	16	23	29	35	38	41	44	46	47	49	51
80.0 - 89.9	17	25	30	36	40	42	46	48	49	51	54
90.0 - 99.9	19	26	31	38	42	44	48	50	51	53	56
100.0 - 119.9	21	26	32	39	43	46	49	52	53	55	58
120.0 - 139.9	22	28	35	42	46	49	52	55	56	59	61
140.0 - 159.9	23	30	36	44	48	51	55	58	59	62	65
160.0 - 179.9	25	31	38	46	50	54	58	60	62	65	67
180.0 - 199.0	26	32	40	48	52	56	60	63	65	67	70
> 199.9	26	33	41	49	54	58	62	65	67	69	73

[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see rule 3745-50-11 of the Administrative Code titled "Incorporated by reference."]