



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 2/01/2025 and 5/01/2025

Silo	Gas Reading Date	Gas Reading mg/l	Stack Flow Rate l/s	Exhaust Flux Instantaneous g/s	Exhaust Flux Hourly Average g/s	Fumigation State	Average Wind Speed	Average Wind Direction
Silo: CL103								
	02/01/2025 09:13 AM	0.005	0	0	0	Dosing	15.74	165
	02/01/2025 09:25 AM	0.005	0	0	0	Dosing	15.37	160
	02/01/2025 09:37 AM	0.005	0	0	0	Dosing	12.16	162
	02/01/2025 09:49 AM	0.005	0	0	0	Dosing	10.85	155
	02/01/2025 10:01 AM	21.075	0	0	0	Fumigation	12.16	160
	03/01/2025 10:05 AM	2.575	0	0	0	Fumigation	4.35	121
	03/01/2025 10:17 AM	0.074	503	0.037	0	Initial Purging	5.06	135
	03/01/2025 10:29 AM	0.03	503	0.015	0	Purging	4.22	117
	03/01/2025 10:41 AM	0.018	503	0.009	0	Purging	4.17	113
	03/01/2025 10:53 AM	0.074	503	0.037	0	Purging	3.21	110
	03/01/2025 11:05 AM	0.147	503	0.074	0	Purging	1.71	125
	03/01/2025 11:17 AM	0.295	503	0.148	0.035	Purging	2.4	46
	03/01/2025 11:29 AM	0.527	503	0.265	0.08	Purging	1.87	46
	03/01/2025 11:41 AM	0.723	503	0.364	0.15	Purging	2.46	67
	03/01/2025 11:53 AM	0.6	503	0.302	0.208	Purging	4.86	68
	03/01/2025 12:05 PM	0.606	503	0.305	0.262	Purging	7.66	76
	03/01/2025 12:17 PM	0.637	503	0.32	0.311	Purging	6.2	53
	03/01/2025 12:29 PM	0.66	503	0.332	0.325	Purging	5.63	78
	03/01/2025 12:42 PM	0.637	503	0.32	0.316	Purging	6.19	34



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03/01/2025 12:54 PM	0.603	503	0.303	0.316	Purging	6.32	111
03/01/2025 01:06 PM	0.652	503	0.328	0.321	Purging	6.29	15
03/01/2025 01:18 PM	0.614	503	0.309	0.319	Purging	6.5	81
03/01/2025 01:30 PM	0.621	503	0.312	0.315	Purging	4.81	67
03/01/2025 01:42 PM	0.602	503	0.303	0.311	Purging	5.35	38
03/01/2025 01:54 PM	0.615	503	0.309	0.312	Purging	5.56	67
03/01/2025 02:06 PM	0.576	503	0.29	0.305	Purging	5.39	64
03/01/2025 02:18 PM	0.634	503	0.319	0.307	Purging	6.01	49
03/01/2025 02:30 PM	0.621	503	0.312	0.307	Purging	5.92	20
03/01/2025 02:42 PM	0.603	503	0.303	0.307	Purging	5.48	41
03/01/2025 02:54 PM	0.677	503	0.341	0.313	Purging	5.77	14
03/01/2025 03:06 PM	0.623	503	0.313	0.318	Purging	6.59	19
03/01/2025 03:18 PM	0.596	503	0.3	0.314	Purging	12.38	22
03/01/2025 03:30 PM	0.566	503	0.285	0.308	Purging	13.87	26
03/01/2025 03:42 PM	0.624	503	0.314	0.31	Purging	13.87	27
03/01/2025 03:54 PM	0.58	503	0.292	0.301	Purging	13.19	27
03/01/2025 04:06 PM	0.611	503	0.307	0.299	Purging	12.95	49
03/01/2025 04:18 PM	0.56	503	0.282	0.296	Purging	13	25
03/01/2025 04:30 PM	0.508	503	0.256	0.29	Purging	13.63	26
03/01/2025 04:42 PM	0.685	503	0.345	0.296	Purging	14.38	26
03/01/2025 04:54 PM	0.703	503	0.354	0.309	Purging	15.31	27
03/01/2025 05:06 PM	0.693	503	0.349	0.317	Purging	12.63	44
03/01/2025 05:18 PM	0.651	503	0.327	0.326	Purging	13.71	47



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03/01/2025 05:30 PM	0.682	503	0.343	0.343	Purging	16.8	26
03/01/2025 05:42 PM	0.681	503	0.343	0.343	Purging	16.06	24
03/01/2025 05:54 PM	0.686	503	0.345	0.341	Purging	16.08	26
03/01/2025 06:06 PM	0.676	503	0.34	0.34	Purging	16.56	26
03/01/2025 06:18 PM	0.666	503	0.335	0.341	Purging	14.15	25
03/01/2025 06:30 PM	0.62	503	0.312	0.335	Purging	13.39	20
03/01/2025 06:43 PM	0.637	503	0.32	0.331	Purging	14.9	40
03/01/2025 06:55 PM	0.652	503	0.328	0.327	Purging	14.11	36
03/01/2025 07:07 PM	0.66	503	0.332	0.326	Purging	14.65	36
03/01/2025 07:19 PM	0.632	503	0.318	0.322	Purging	12.4	36
03/01/2025 07:31 PM	0.619	503	0.311	0.322	Purging	13.78	41
03/01/2025 07:43 PM	0.64	503	0.322	0.322	Purging	14.83	35
03/01/2025 07:55 PM	0.599	503	0.301	0.317	Purging	12.59	33
03/01/2025 08:07 PM	0.62	503	0.312	0.313	Purging	12.63	32
03/01/2025 08:19 PM	0.623	503	0.313	0.312	Purging	12.15	15
03/01/2025 08:31 PM	0.599	503	0.301	0.31	Purging	12.65	12
03/01/2025 08:43 PM	0.65	503	0.327	0.311	Purging	11.53	57
03/01/2025 08:55 PM	0.636	503	0.32	0.315	Purging	13.53	56
03/01/2025 09:07 PM	0.639	503	0.321	0.317	Purging	14.21	36
03/01/2025 09:19 PM	0.613	503	0.308	0.316	Purging	14.38	35
03/01/2025 09:31 PM	0.568	503	0.286	0.312	Purging	13.87	58
03/01/2025 09:43 PM	0.577	503	0.29	0.305	Purging	11.36	80
03/01/2025 09:55 PM	0.546	503	0.275	0.296	Purging	14.52	102



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03/01/2025 10:07 PM	0.675	503	0.34	0.3	Purging	14.79	53
03/01/2025 10:19 PM	0.643	503	0.323	0.303	Purging	12.4	77
03/01/2025 10:31 PM	0.608	503	0.306	0.307	Purging	10.12	48
03/01/2025 10:43 PM	0.612	503	0.308	0.31	Purging	10.89	97
03/01/2025 10:55 PM	0.602	503	0.303	0.316	Purging	10.38	30
03/01/2025 11:07 PM	0.591	503	0.297	0.307	Purging	6.79	142
03/01/2025 11:19 PM	0.59	503	0.297	0.302	Purging	7.53	190
03/01/2025 11:31 PM	0.553	503	0.278	0.297	Purging	7.19	169
03/01/2025 11:43 PM	0.555	503	0.279	0.291	Purging	5.31	164
03/01/2025 11:55 PM	0.448	503	0.225	0.276	Purging	4.98	190
04/01/2025 12:07 AM	0.574	503	0.289	0.274	Purging	5.82	232
04/01/2025 12:19 AM	0.442	503	0.222	0.259	Purging	6.55	114
04/01/2025 12:31 AM	0.599	503	0.301	0.263	Purging	6.48	232
04/01/2025 12:44 AM	0.571	503	0.287	0.265	Purging	4.7	209
04/01/2025 12:56 AM	0.593	503	0.298	0.28	Purging	5.76	120
04/01/2025 01:08 AM	0.543	503	0.273	0.276	Purging	4.86	208
04/01/2025 01:20 AM	0.579	503	0.291	0.29	Purging	4.87	207
04/01/2025 01:32 AM	0.524	503	0.264	0.283	Purging	3.21	235
04/01/2025 01:44 AM	0.521	503	0.262	0.278	Purging	4.08	213
04/01/2025 01:56 AM	0.527	503	0.265	0.271	Purging	4.33	102
04/01/2025 02:08 AM	0.51	503	0.257	0.268	Purging	4.96	147
04/01/2025 02:20 AM	0.511	503	0.257	0.261	Purging	4.33	254
04/01/2025 02:32 AM	0.476	503	0.239	0.256	Purging	4.48	187



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04/01/2025 02:44 AM	0.392	503	0.197	0.243	Purging	5.79	74
04/01/2025 02:56 AM	0.464	503	0.233	0.237	Purging	5.18	97
04/01/2025 03:08 AM	0.433	503	0.218	0.229	Purging	4.88	74
04/01/2025 03:20 AM	0.357	503	0.18	0.214	Purging	5.16	51
04/01/2025 03:32 AM	0.355	503	0.179	0.201	Purging	4.1	180
04/01/2025 03:44 AM	0.369	503	0.186	0.199	Purging	3.85	242
04/01/2025 03:56 AM	0.359	503	0.181	0.189	Purging	3.43	280
04/01/2025 04:08 AM	0.296	503	0.149	0.175	Purging	3.86	243
04/01/2025 04:20 AM	0.302	503	0.152	0.169	Purging	4.68	238
04/01/2025 04:32 AM	0.241	503	0.121	0.158	Purging	3.36	303
04/01/2025 04:44 AM	0.219	503	0.11	0.143	Purging	4.46	330
04/01/2025 04:56 AM	0.215	503	0.108	0.128	Purging	3.79	267
04/01/2025 05:08 AM	0.198	503	0.1	0.118	Purging	3.32	244
04/01/2025 05:20 AM	0.171	503	0.086	0.105	Purging	3.9	277
04/01/2025 05:32 AM	0.136	503	0.068	0.095	Purging	3.04	302
04/01/2025 05:44 AM	0.148	503	0.074	0.087	Purging	2.29	322
04/01/2025 05:56 AM	0.11	503	0.055	0.077	Purging	3.52	230
04/01/2025 06:08 AM	0.32	503	0.161	0.089	Purging	3.18	185
04/01/2025 06:20 AM	0.271	503	0.136	0.099	Purging	2.85	179
04/01/2025 06:32 AM	0.238	503	0.12	0.109	Purging	3.07	224
04/01/2025 06:45 AM	0.2	503	0.101	0.115	Purging	2.81	200
04/01/2025 06:57 AM	0.172	503	0.087	0.121	Purging	2.87	282
04/01/2025 07:09 AM	0.151	503	0.076	0.104	Purging	2.89	274



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Selected Dates: 2/01/2025 and 5/01/2025

04/01/2025 07:21 AM	0.121	503	0.061	0.089	Purging	3.07	205
04/01/2025 07:33 AM	0.117	503	0.059	0.076	Purging	4.39	120
04/01/2025 07:45 AM	0.128	503	0.064	0.069	Purging	6.41	60
04/01/2025 07:57 AM	0.106	503	0.053	0.063	Purging	6.09	30
04/01/2025 08:09 AM	0.085	503	0.043	0.056	Purging	6.79	59
04/01/2025 08:21 AM	0.082	503	0.041	0.052	Purging	7.7	36
04/01/2025 08:33 AM	0.081	503	0.041	0.049	Purging	7.49	13
04/01/2025 08:45 AM	0.067	503	0.034	0.043	Purging	6.58	33
04/01/2025 08:57 AM	0.058	503	0.029	0.038	Purging	6.43	32
04/01/2025 09:09 AM	0.053	503	0.027	0.034	Purging	8.57	33
04/01/2025 09:21 AM	0.049	503	0.025	0.031	Purging	10.03	39
04/01/2025 09:33 AM	0.05	503	0.025	0.028	Purging	11.1	28
04/01/2025 09:45 AM	0.048	503	0.024	0.026	Purging	12.07	26
04/01/2025 09:57 AM	0.045	503	0.023	0.025	Purging	12.03	71
04/01/2025 10:09 AM	0.046	503	0.023	0.024	Purging	14.6	27
04/01/2025 10:21 AM	0.037	503	0.019	0.023	Purging	14.56	47
04/01/2025 10:33 AM	0.024	503	0.012	0.02	Purging	15.21	28
04/01/2025 10:45 AM	0.025	503	0.013	0.018	Purging	16.23	28
04/01/2025 10:57 AM	0.018	503	0.009	0.015	Purging	14.89	25
04/01/2025 11:09 AM	0.027	503	0.014	0.013	Purging	15.14	26
04/01/2025 11:21 AM	0.021	503	0.011	0.012	Purging	17.63	25
04/01/2025 11:33 AM	0.018	503	0.009	0.011	Purging	18.45	27
04/01/2025 11:45 AM	0.013	503	0.007	0.01	Purging	16.69	27



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Selected Dates: 2/01/2025 and 5/01/2025

04/01/2025 11:57 AM	0.016	503	0.008	0.009	Purging	16.08	25
04/01/2025 12:09 PM	0.027	503	0.014	0.009	Purging	16.01	46
04/01/2025 12:21 PM	0.016	503	0.008	0.009	Purging	14.38	39
04/01/2025 12:33 PM	0.017	503	0.009	0.009	Purging	12.37	37
04/01/2025 12:46 PM	0.005	503	0.003	0.008	Purging	12.83	16
04/01/2025 12:58 PM	0.009	503	0.005	0.007	Purging	11.9	17
04/01/2025 01:10 PM	0.013	503	0.007	0.006	Purging	12.39	35
04/01/2025 01:22 PM	0.015	503	0.008	0.006	Purging	13.59	41
04/01/2025 01:34 PM	0.012	503	0.006	0.005	Purging	15.28	15
04/01/2025 01:46 PM	0.002	503	0.001	0.005	Purging	14.56	47
04/01/2025 01:58 PM	0.007	503	0.004	0.005	Purging	14.36	15
04/01/2025 02:10 PM	0	503	0	0.004	Purging	14.79	16
04/01/2025 02:22 PM	0	503	0	0.002	Purging	14.81	38
04/01/2025 02:34 PM	0.001	503	0.001	0.001	Purging	16.37	63
04/01/2025 02:46 PM	0	503	0	0.001	Purging	16.39	43
04/01/2025 02:58 PM	0.004	503	0.002	0.001	Purging	15.91	40
04/01/2025 03:10 PM	0	503	0	0.001	Purging	14.37	40
04/01/2025 03:22 PM	0	503	0	0.001	Purging	14.34	39
04/01/2025 03:34 PM	0	503	0	0	Purging	14.78	60
04/01/2025 03:46 PM	0.001	503	0.001	0.001	Purging	16.16	17
04/01/2025 03:58 PM	0	503	0	0	Purging	16.56	13
04/01/2025 04:10 PM	0	503	0	0	Purging	15.72	35
04/01/2025 04:22 PM	0	503	0	0	Purging	14.63	14



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04/01/2025 04:34 PM	0	503	0	0	Purging	14.86	41
04/01/2025 04:46 PM	0	503	0	0	Purging	13.74	57
04/01/2025 04:58 PM	0	503	0	0	Purging	14.53	11
04/01/2025 05:10 PM	0	503	0	0	Purging	14.99	8
04/01/2025 05:22 PM	0	503	0	0	Purging	14.09	33
04/01/2025 05:34 PM	0	503	0	0	Purging	14.93	32
04/01/2025 05:46 PM	0	503	0	0	Purging	15.01	56
04/01/2025 05:58 PM	0	503	0	0	Purging	14.87	37
04/01/2025 06:10 PM	0	503	0	0	Purging	14.63	12
04/01/2025 06:22 PM	0	503	0	0	Purging	16.04	13
04/01/2025 06:34 PM	0	503	0	0	Purging	14.83	12