



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

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: CL104								
	10/01/2025 10:51 AM	0	0	0	0	Dosing	3.71	123
	10/01/2025 11:05 AM	0	0	0	0	Dosing	3.35	107
	10/01/2025 11:20 AM	0	0	0	0	Dosing	3.16	97
	10/01/2025 11:34 AM	0	0	0	0	Dosing	3.68	103
	10/01/2025 11:48 AM	0	0	0	0	Dosing	3.34	78
	10/01/2025 12:02 PM	0	0	0	0	Dosing	4.17	75
	10/01/2025 12:16 PM	0	0	0	0	Dosing	4.47	54
	10/01/2025 12:30 PM	0	0	0	0	Dosing	4.75	50
	10/01/2025 12:44 PM	0	0	0	0	Dosing	5.18	57
	10/01/2025 12:58 PM	0	0	0	0	Dosing	5.92	47
	10/01/2025 01:12 PM	0	0	0	0	Dosing	5.34	71
	10/01/2025 01:26 PM	0	0	0	0	Dosing	5.27	40
	10/01/2025 01:40 PM	0	0	0	0	Dosing	5.41	27
	10/01/2025 01:54 PM	0	0	0	0	Dosing	6.96	50
	10/01/2025 02:08 PM	0	0	0	0	Dosing	5.71	49
	10/01/2025 02:22 PM	0	0	0	0	Dosing	5.99	24
	10/01/2025 02:36 PM	0	0	0	0	Dosing	5.87	29
	10/01/2025 02:51 PM	0	0	0	0	Dosing	4.66	53
	10/01/2025 03:05 PM	0	0	0	0	Dosing	3.82	37



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

10/01/2025 03:19 PM	0	0	0	0	Dosing	4.44	54
10/01/2025 03:33 PM	0	0	0	0	Dosing	5.32	60
10/01/2025 03:47 PM	0	0	0	0	Dosing	5.12	45
10/01/2025 04:01 PM	0	0	0	0	Dosing	4.63	51
10/01/2025 04:15 PM	0	0	0	0	Dosing	4.64	39
10/01/2025 04:29 PM	0	0	0	0	Dosing	4.38	58
10/01/2025 04:43 PM	0	0	0	0	Dosing	4.02	73
10/01/2025 04:57 PM	35.7	0	0	0	Fumigation	4.93	71
11/01/2025 05:09 AM	21.65	0	0	0	Fumigation	2	281
11/01/2025 05:06 PM	11.8	0	0	0	Fumigation	4.67	69
11/01/2025 05:20 PM	0.145	1696	0.246	0	Initial Purgig	7.7	42
11/01/2025 05:27 PM	0.075	1696	0.127	0	Initial Purgig	8.19	30
11/01/2025 05:34 PM	0.07	1696	0.119	0	Initial Purgig	6.98	31
11/01/2025 05:41 PM	0.073	1696	0.124	0	Initial Purgig	7.69	28
11/01/2025 05:48 PM	0.042	1696	0.071	0	Initial Purgig	8.93	30
11/01/2025 05:55 PM	0.043	1696	0.073	0	Initial Purgig	10.01	30
11/01/2025 06:02 PM	0.03	1696	0.051	0	Initial Purgig	10.02	72
11/01/2025 06:09 PM	0.024	1696	0.041	0	Initial Purgig	8.34	89
11/01/2025 06:16 PM	0.023	1696	0.039	0	Initial Purgig	6.75	63
11/01/2025 06:23 PM	0.016	1696	0.027	0.099	Purgig	6.72	19
11/01/2025 06:30 PM	0.011	1696	0.019	0.074	Purgig	7.22	24
11/01/2025 06:37 PM	0.023	1696	0	0.06	Purgig	8.97	31
11/01/2025 06:44 PM	0.008	1696	0.014	0.048	Purgig	9.64	33
11/01/2025 06:51 PM	0.012	1696	0	0.034	Purgig	8.02	32



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

11/01/2025 06:59 PM	0.025	1696	0	0.026	Purging	6.15	44
11/01/2025 07:06 PM	0.034	1696	0	0.018	Purging	4.83	39
11/01/2025 07:13 PM	0.041	1696	0	0.013	Purging	5.05	63
11/01/2025 07:20 PM	0.04	1696	0	0.008	Purging	5.44	58
11/01/2025 07:27 PM	0.035	1696	0	0.004	Purging	5.3	57
11/01/2025 07:34 PM	0.004	1696	0.007	0.002	Purging	5.62	54
11/01/2025 07:41 PM	0.017	1696	0.029	0.005	Purging	5.84	54
11/01/2025 07:48 PM	0.022	1696	0.037	0.008	Purging	6.16	34
11/01/2025 07:55 PM	0.021	1696	0.036	0.012	Purging	6.68	32
11/01/2025 08:02 PM	0.032	1696	0.054	0.018	Purging	5.68	54
11/01/2025 08:09 PM	0.052	1696	0.088	0.028	Purging	5.33	78
11/01/2025 08:16 PM	0.044	1696	0.075	0.036	Purging	5.72	80
11/01/2025 08:23 PM	0.054	1696	0.092	0.046	Purging	6.09	57
11/01/2025 08:30 PM	0.058	1696	0.098	0.058	Purging	5.52	12
11/01/2025 08:37 PM	0.065	1696	0.11	0.069	Purging	5.94	15
11/01/2025 08:44 PM	0.067	1696	0.114	0.078	Purging	6.14	83
11/01/2025 08:51 PM	0.058	1696	0.098	0.085	Purging	5.87	103
11/01/2025 08:58 PM	0.071	1696	0.12	0.095	Purging	5.66	61
11/01/2025 09:05 PM	0.076	1696	0.129	0.103	Purging	5.73	59
11/01/2025 09:12 PM	0.084	1696	0.142	0.109	Purging	5.09	12
11/01/2025 09:19 PM	0.088	1696	0.149	0.117	Purging	4.29	14
11/01/2025 09:26 PM	0.088	1696	0.149	0.124	Purging	4.72	61
11/01/2025 09:33 PM	0.106	1696	0.18	0.133	Purging	4.69	61



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

11/01/2025 09:40 PM	0.106	1696	0.18	0.14	Purging	4.83	31
11/01/2025 09:47 PM	0.114	1696	0.193	0.149	Purging	4.53	29
11/01/2025 09:54 PM	0.119	1696	0.202	0.161	Purging	4.02	99
11/01/2025 10:01 PM	0.133	1696	0.226	0.172	Purging	4.54	145
11/01/2025 10:08 PM	0.116	1696	0.197	0.18	Purging	3.65	122
11/01/2025 10:15 PM	0.284	1696	0.482	0.218	Purging	2.23	141
11/01/2025 10:22 PM	0.373	1696	0.633	0.271	Purging	1.44	237
11/01/2025 10:30 PM	0.461	1696	0.782	0.342	Purging	1.66	313
11/01/2025 10:37 PM	0.354	1696	0.6	0.388	Purging	1.84	310
11/01/2025 10:44 PM	0.298	1696	0.505	0.424	Purging	1.7	313
11/01/2025 10:51 PM	0.264	1696	0.448	0.453	Purging	1.76	312
11/01/2025 10:58 PM	0.219	1696	0.371	0.471	Purging	1.56	309
11/01/2025 11:05 PM	0.185	1696	0.314	0.481	Purging	1.48	324
11/01/2025 11:12 PM	0.163	1696	0.276	0.49	Purging	1.56	295
11/01/2025 11:19 PM	0.151	1696	0.256	0.465	Purging	1.5	165
11/01/2025 11:26 PM	0.148	1696	0.251	0.423	Purging	1.42	156
11/01/2025 11:33 PM	0.127	1696	0.215	0.36	Purging	1.49	301
11/01/2025 11:40 PM	0.112	1696	0.19	0.314	Purging	1.76	314
11/01/2025 11:47 PM	0.182	1696	0.309	0.292	Purging	2.03	308
11/01/2025 11:54 PM	0.272	1696	0.461	0.294	Purging	2.28	303
12/01/2025 12:01 AM	0.31	1696	0.526	0.311	Purging	2.51	298
12/01/2025 12:08 AM	0.316	1696	0.536	0.336	Purging	2.77	294
12/01/2025 12:15 AM	0.293	1696	0.497	0.36	Purging	2.96	290



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

12/01/2025 12:22 AM	0.269	1696	0.456	0.383	Purging	3.02	288
12/01/2025 12:29 AM	0.258	1696	0.438	0.403	Purging	2.76	293
12/01/2025 12:36 AM	0.237	1696	0.402	0.424	Purging	2.7	301
12/01/2025 12:43 AM	0.23	1696	0.39	0.446	Purging	2.34	306
12/01/2025 12:50 AM	0.189	1696	0.321	0.447	Purging	1.95	312
12/01/2025 12:57 AM	0.165	1696	0.28	0.427	Purging	1.72	312
12/01/2025 01:04 AM	0.139	1696	0.236	0.395	Purging	1.78	302
12/01/2025 01:11 AM	0.133	1696	0.226	0.36	Purging	1.6	302
12/01/2025 01:18 AM	0.124	1696	0.21	0.328	Purging	1.8	304
12/01/2025 01:25 AM	0.103	1696	0.175	0.297	Purging	2.52	302
12/01/2025 01:32 AM	0.088	1696	0.149	0.265	Purging	2.66	298
12/01/2025 01:39 AM	0.083	1696	0.141	0.236	Purging	2.5	293
12/01/2025 01:46 AM	0.126	1696	0.198	0.206	Purging	2.36	300
12/01/2025 01:53 AM	0.4	1696	0.678	0.181	Purging	2.04	304
12/01/2025 02:01 AM	0.333	1696	0.565	0.159	Purging	1.59	301
12/01/2025 02:08 AM	0.279	1696	0.473	0.142	Purging	1.65	301
12/01/2025 02:15 AM	0.309	1696	0.524	0.126	Purging	1.84	300
12/01/2025 02:22 AM	0.274	1696	0.465	0.108	Purging	1.68	291
12/01/2025 02:29 AM	0.29	1696	0.492	0.093	Purging	1.39	287
12/01/2025 02:36 AM	0.248	1696	0.421	0.08	Purging	1.25	285
12/01/2025 02:43 AM	0.242	1696	0.41	0.068	Purging	1.2	280
12/01/2025 02:50 AM	0.249	1696	0.422	0.058	Purging	1.01	277
12/01/2025 02:57 AM	0.239	1696	0.405	0.05	Purging	0.98	247



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

12/01/2025 03:04 AM	0.227	1696	0.385	0.044	Purging	1.29	212
12/01/2025 03:11 AM	0.214	1696	0.363	0.038	Purging	1.7	208
12/01/2025 03:18 AM	0.208	1696	0.353	0.03	Purging	1.74	217
12/01/2025 03:25 AM	0.961	1696	1.63	0.025	Purging	1.53	249
12/01/2025 03:32 AM	0.227	1696	0.385	0.021	Purging	1.78	282
12/01/2025 03:39 AM	0.179	1696	0.304	0.018	Purging	2.52	288
12/01/2025 03:46 AM	0.171	1696	0.29	0.015	Purging	2.71	287
12/01/2025 03:53 AM	0.164	1696	0.278	0.012	Purging	2.62	292
12/01/2025 04:00 AM	0.147	1696	0.249	0.009	Purging	2.55	296
12/01/2025 04:07 AM	0.162	1696	0.275	0.006	Purging	2.45	294
12/01/2025 04:14 AM	0.147	1696	0.249	0.004	Purging	1.85	280
12/01/2025 04:21 AM	0.185	1696	0.314	0.003	Purging	1.21	259
12/01/2025 04:28 AM	0.727	1696	1.233	0.002	Purging	1.17	258
12/01/2025 04:35 AM	0.159	1696	0.27	0.002	Purging	1.75	275
12/01/2025 04:42 AM	0.121	1696	0.205	0.001	Purging	2.28	290
12/01/2025 04:49 AM	0.108	1696	0.183	0.001	Purging	2.3	300
12/01/2025 04:56 AM	0.119	1696	0.202	0.001	Purging	2.02	291
12/01/2025 05:03 AM	0.113	1696	0.192	0.337	Purging	1.92	289
12/01/2025 05:10 AM	0.102	1696	0.173	0.374	Purging	1.72	296
12/01/2025 05:17 AM	0.108	1696	0.183	0.386	Purging	1.75	318
12/01/2025 05:24 AM	0.587	1696	0.996	0.38	Purging	1.98	300
12/01/2025 05:32 AM	0.124	1696	0.21	0.372	Purging	2.11	304
12/01/2025 05:39 AM	0.088	1696	0.149	0.43	Purging	2.32	310



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

12/01/2025 05:46 AM	0.084	1696	0.142	0.399	Purging	2.43	312
12/01/2025 05:53 AM	0.079	1696	0.134	0.452	Purging	2.29	312
12/01/2025 06:00 AM	0.073	1696	0.124	0.503	Purging	2.34	311
12/01/2025 06:07 AM	0.079	1696	0.134	0.471	Purging	2.53	307
12/01/2025 06:14 AM	0.095	1696	0.161	0.451	Purging	2.7	301
12/01/2025 06:21 AM	0.103	1696	0.175	0.44	Purging	2.85	298
12/01/2025 06:28 AM	0.498	1696	0.845	0.42	Purging	2.8	300
12/01/2025 06:35 AM	0.099	1696	0.168	0.406	Purging	2.57	302
12/01/2025 06:42 AM	0.065	1696	0.11	0.548	Purging	2.51	305
12/01/2025 06:49 AM	0.062	1696	0.105	0.544	Purging	2.31	314
12/01/2025 06:56 AM	0.396	1696	0.672	0.531	Purging	2.01	305
12/01/2025 07:03 AM	0.088	1696	0.149	0.514	Purging	1.59	293
12/01/2025 07:10 AM	0.376	1696	0.638	0.498	Purging	1.2	308
12/01/2025 07:17 AM	0.373	1696	0.633	0.481	Purging	1.17	311
12/01/2025 07:24 AM	0.355	1696	0.602	0.47	Purging	1.08	300
12/01/2025 07:31 AM	0.342	1696	0.58	0.457	Purging	1.05	303
12/01/2025 07:38 AM	0.333	1696	0.565	0.293	Purging	1.23	311
12/01/2025 07:45 AM	0.318	1696	0.539	0.399	Purging	1.6	198
12/01/2025 07:52 AM	0.304	1696	0.516	0.395	Purging	2.02	128
12/01/2025 07:59 AM	0.295	1696	0.5	0.384	Purging	2.54	104
12/01/2025 08:06 AM	0.284	1696	0.482	0.372	Purging	2.62	152
12/01/2025 08:13 AM	0.278	1696	0.471	0.366	Purging	2.85	129
12/01/2025 08:20 AM	0.261	1696	0.443	0.356	Purging	3.62	71



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/01/2025 and 12/01/2025

12/01/2025 08:27 AM	0.248	1696	0.421	0.346	Purging	2.89	39
12/01/2025 08:34 AM	0.242	1696	0.41	0.33	Purging	2.76	46
12/01/2025 08:41 AM	0.229	1696	0.388	0.3	Purging	2.76	61
12/01/2025 08:48 AM	0.226	1696	0.383	0.293	Purging	2.46	85
12/01/2025 08:55 AM	0.213	1696	0.361	0.286	Purging	2.73	89
12/01/2025 09:03 AM	0.221	1696	0.375	0.281	Purging	2.91	50
12/01/2025 09:17 AM	0.123	1696	0.209	0.273	Purging	2.98	46
12/01/2025 09:24 AM	0.084	1696	0.142	0.264	Purging	3.32	46
12/01/2025 09:31 AM	0.053	1696	0.09	0.259	Purging	4.25	50
12/01/2025 09:38 AM	0.035	1696	0.059	0.257	Purging	4.48	46
12/01/2025 09:45 AM	0.019	1696	0.037	0.154	Purging	4.07	41
12/01/2025 09:52 AM	0.009	1696	0.015	0.233	Purging	4.59	49
12/01/2025 09:59 AM	0.005	1696	0.008	0.235	Purging	5.61	49
12/01/2025 10:06 AM	0.001	1696	0.002	0.231	Purging	6.19	52
12/01/2025 10:13 AM	0.008	1696	0.001	0.228	Purging	5.8	44
12/01/2025 10:20 AM	0	1696	0	0.296	Purging	6.19	40
12/01/2025 10:27 AM	0	1696	0	0.298	Purging	7.34	45
12/01/2025 10:34 AM	0	1696	0	0.357	Purging	8.87	41
12/01/2025 10:41 AM	0	1696	0	0.415	Purging	9.53	40