

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

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: CL102								
	10/03/2025 08:12 AM	0.019	0	0	0	Dosing	4.46	163
	10/03/2025 08:24 AM	0.019	0	0	0	Dosing	3.41	206
	10/03/2025 08:36 AM	0.019	0	0	0	Dosing	4.29	237
	10/03/2025 08:48 AM	0.019	0	0	0	Dosing	4.31	181
	10/03/2025 09:00 AM	0.019	0	0	0	Dosing	4.43	165
	10/03/2025 09:12 AM	0.019	0	0	0	Dosing	9.52	76
	10/03/2025 09:24 AM	34.11	0	0	0	Fumigation	10.41	77
	10/03/2025 09:28 PM	18.55	0	0	0	Fumigation	9.11	34
	11/03/2025 10:36 AM	7.1	0	0	0	Fumigation	2.98	278
	11/03/2025 10:50 AM	0.215	503	0.108	0	Initial Purging	3.36	270
	11/03/2025 11:04 AM	0.173	503	0.087	0	Initial Purging	2.56	262
	11/03/2025 11:18 AM	0.138	503	0.069	0	Initial Purging	2.58	260
	11/03/2025 11:25 AM	0	503	0	0	Paused	1.85	248
	11/03/2025 11:32 AM	0	503	0	0	Paused	1.61	244
	11/03/2025 11:39 AM	0	503	0	0	Paused	1.48	248
	11/03/2025 11:46 AM	0	503	0	0	Paused	1.68	218
	11/03/2025 12:00 PM	0.171	503	0.086	0	Purging	3.08	188
	11/03/2025 12:14 PM	0.148	503	0.074	0	Purging	3.95	172
	11/03/2025 12:29 PM	0.129	503	0.065	0	Purging	6.01	150



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

11/03/2025 12:43 PM	0.175	503	0.088	0	Purging	7.56	142
11/03/2025 12:57 PM	0.529	503	0.266	0.064	Purging	8.86	82
11/03/2025 01:11 PM	0.432	503	0.217	0.11	Purging	9.78	43
11/03/2025 01:25 PM	0.543	503	0.273	0.128	Purging	8.43	43
11/03/2025 01:39 PM	0.711	503	0.358	0.159	Purging	8.18	52
11/03/2025 01:53 PM	0.565	503	0.284	0.194	Purging	8.57	63
11/03/2025 02:07 PM	0.732	503	0.368	0.227	Purging	8.68	53
11/03/2025 02:21 PM	0.593	503	0.298	0.254	Purging	7.95	60
11/03/2025 02:35 PM	0.69	503	0.347	0.282	Purging	9.8	65
11/03/2025 02:49 PM	0.581	503	0.292	0.303	Purging	8.15	54
11/03/2025 03:03 PM	0.725	503	0.365	0.32	Purging	7.22	83
11/03/2025 03:17 PM	0.647	503	0.325	0.326	Purging	5.87	79
11/03/2025 03:31 PM	0.795	503	0.4	0.339	Purging	8.14	74
11/03/2025 03:45 PM	0.662	503	0.333	0.344	Purging	7.59	33
11/03/2025 04:00 PM	0.765	503	0.385	0.348	Purging	6.09	27
11/03/2025 04:14 PM	0.711	503	0.358	0.353	Purging	6.65	48
11/03/2025 04:28 PM	0.746	503	0.375	0.357	Purging	3.55	27
11/03/2025 04:42 PM	0.684	503	0.344	0.361	Purging	3.36	32
11/03/2025 04:56 PM	0.771	503	0.388	0.366	Purging	3.09	44
11/03/2025 05:10 PM	0.636	503	0.32	0.351	Purging	6.42	53
11/03/2025 05:24 PM	0.713	503	0.359	0.353	Purging	6.21	38
11/03/2025 05:38 PM	0.6	503	0.302	0.349	Purging	3.18	60
11/03/2025 05:52 PM	0.675	503	0.34	0.344	Purging	3.54	62



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

11/03/2025 06:06 PM	0.686	503	0.345	0.342	Purging	2.87	50
11/03/2025 06:20 PM	0.559	503	0.281	0.336	Purging	2.27	44
11/03/2025 06:34 PM	0.595	503	0.299	0.328	Purging	2.48	60
11/03/2025 06:48 PM	0.648	503	0.326	0.322	Purging	3.14	81
11/03/2025 07:02 PM	0.682	503	0.343	0.326	Purging	1.44	88
11/03/2025 07:16 PM	0.496	503	0.249	0.306	Purging	9.03	47
11/03/2025 07:31 PM	0.915	503	0.46	0.311	Purging	7.19	44
11/03/2025 07:45 PM	0.724	503	0.364	0.32	Purging	10.67	54
11/03/2025 07:59 PM	0.713	503	0.359	0.325	Purging	6.21	55
11/03/2025 08:13 PM	0.631	503	0.317	0.325	Purging	6.45	39
11/03/2025 08:27 PM	0.676	503	0.34	0.326	Purging	5	33
11/03/2025 08:41 PM	0.69	503	0.347	0.332	Purging	2.17	161
11/03/2025 08:55 PM	0.706	503	0.355	0.336	Purging	1.58	147
11/03/2025 09:09 PM	0.612	503	0.308	0.351	Purging	2.89	299
11/03/2025 09:23 PM	0.694	503	0.349	0.36	Purging	2.67	280
11/03/2025 09:37 PM	0.691	503	0.348	0.354	Purging	2.38	269
11/03/2025 09:51 PM	0.565	503	0.284	0.343	Purging	2.92	273
11/03/2025 10:05 PM	0.564	503	0.284	0.335	Purging	2.29	275
11/03/2025 10:19 PM	0.565	503	0.284	0.329	Purging	1.81	264
11/03/2025 10:33 PM	0.585	503	0.294	0.324	Purging	1.27	265
11/03/2025 10:47 PM	0.595	503	0.299	0.319	Purging	13.3	266
11/03/2025 11:02 PM	0.621	503	0.312	0.314	Purging	1.55	253
11/03/2025 11:16 PM	0.491	503	0.247	0.289	Purging	1.5	232

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

11/03/2025 11:30 PM	0.58	503	0.292	0.299	Purging	1.62	232
11/03/2025 11:44 PM	0.564	503	0.284	0.295	Purging	2.39	245
11/03/2025 11:58 PM	0.586	503	0.295	0.292	Purging	2.85	247
12/03/2025 12:12 AM	0.614	503	0.309	0.294	Purging	2.24	297
12/03/2025 12:26 AM	0.559	503	0.281	0.296	Purging	2.3	279
12/03/2025 12:40 AM	0.572	503	0.288	0.295	Purging	1.93	285
12/03/2025 12:54 AM	0.552	503	0.278	0.293	Purging	2.29	278
12/03/2025 01:08 AM	0.459	503	0.231	0.288	Purging	1.31	253
12/03/2025 01:22 AM	0.553	503	0.278	0.28	Purging	2.16	245
12/03/2025 01:36 AM	0.482	503	0.242	0.272	Purging	1.78	231
12/03/2025 01:50 AM	0.534	503	0.269	0.271	Purging	1.86	256
12/03/2025 02:04 AM	0.535	503	0.269	0.269	Purging	1.65	244
12/03/2025 02:18 AM	0.543	503	0.273	0.266	Purging	2.87	240
12/03/2025 02:33 AM	0.507	503	0.255	0.262	Purging	2.4	218
12/03/2025 02:47 AM	0.472	503	0.237	0.258	Purging	1.95	261
12/03/2025 03:01 AM	0.455	503	0.229	0.252	Purging	2.66	239
12/03/2025 03:15 AM	0.419	503	0.211	0.249	Purging	1.8	218
12/03/2025 03:29 AM	0.397	503	0.2	0.238	Purging	2.79	227
12/03/2025 03:43 AM	0.35	503	0.176	0.233	Purging	2.32	260
12/03/2025 03:57 AM	0.325	503	0.163	0.227	Purging	1.6	269
12/03/2025 04:11 AM	0.305	503	0.153	0.215	Purging	2.62	260
12/03/2025 04:25 AM	0.265	503	0.133	0.201	Purging	1.93	260
12/03/2025 04:39 AM	0.227	503	0.114	0.185	Purging	2.42	253



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

12/03/2025 04:53 AM	0.196	503	0.099	0.169	Purging	2.7	256
12/03/2025 05:07 AM	0.177	503	0.089	0.154	Purging	2.53	246
12/03/2025 05:21 AM	0.151	503	0.076	0.139	Purging	2.26	222
12/03/2025 05:35 AM	0.124	503	0.062	0.106	Purging	1.88	231
12/03/2025 05:49 AM	0.113	503	0.057	0.105	Purging	2.69	234
12/03/2025 06:04 AM	0.105	503	0.053	0.099	Purging	1.89	235
12/03/2025 06:18 AM	0.087	503	0.044	0.086	Purging	1.15	222
12/03/2025 06:32 AM	0.076	503	0.038	0.075	Purging	2.12	271
12/03/2025 06:46 AM	0.069	503	0.035	0.065	Purging	2.56	260
12/03/2025 07:00 AM	0.052	503	0.026	0.057	Purging	1.58	239
12/03/2025 07:14 AM	0.12	503	0.06	0.051	Purging	1.47	244
12/03/2025 07:28 AM	0.103	503	0.052	0.048	Purging	2.86	224
12/03/2025 07:42 AM	0.095	503	0.048	0.045	Purging	2.63	218
12/03/2025 07:56 AM	0.073	503	0.037	0.042	Purging	2.83	231
12/03/2025 08:10 AM	0.064	503	0.032	0.041	Purging	2.24	259
12/03/2025 08:24 AM	0.045	503	0.023	0.039	Purging	2.5	227
12/03/2025 08:38 AM	0.049	503	0.025	0.037	Purging	2.52	220
12/03/2025 08:52 AM	0.05	503	0.025	0.036	Purging	2.32	186
12/03/2025 09:06 AM	0.049	503	0.025	0.035	Purging	2.28	179
12/03/2025 09:20 AM	0.051	503	0.026	0.033	Purging	2.44	158
12/03/2025 09:35 AM	0.038	503	0.019	0.029	Purging	3.5	196
12/03/2025 09:49 AM	0.055	503	0.028	0.025	Purging	4.3	142
12/03/2025 10:03 AM	0.053	503	0.027	0.025	Purging	5.19	135

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

12/03/2025 10:17 AM	0.043	503	0.022	0.025	Purging	5.94	124
12/03/2025 10:31 AM	0.035	503	0.018	0.024	Purging	6.96	126
12/03/2025 10:45 AM	0.034	503	0.017	0.023	Purging	7.26	127
12/03/2025 10:59 AM	0.028	503	0.014	0.022	Purging	7.91	130
12/03/2025 11:13 AM	0.021	503	0.011	0.021	Purging	8.24	128
12/03/2025 11:27 AM	0.029	503	0.015	0.019	Purging	7.63	128
12/03/2025 11:41 AM	0.018	503	0.009	0.018	Purging	6.6	130
12/03/2025 11:55 AM	0.016	503	0.008	0.013	Purging	6.93	122
12/03/2025 12:09 PM	0.011	503	0.006	0.013	Purging	7.23	129
12/03/2025 12:23 PM	0.007	503	0.004	0.012	Purging	5.99	120
12/03/2025 12:37 PM	0.011	503	0.006	0.01	Purging	6.05	124
12/03/2025 12:51 PM	0.012	503	0.006	0.009	Purging	6.43	109
12/03/2025 01:06 PM	0.004	503	0.002	0.008	Purging	5.94	104
12/03/2025 01:20 PM	0.009	503	0.005	0.007	Purging	5.3	102
12/03/2025 01:34 PM	0.007	503	0.004	0.006	Purging	5.48	105