

Port Kembla Grain Terminal

## Fumigation Gas Reading Log

Selected Dates: 21/01/2025 and 23/01/2025

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
<b>Silo: CL102</b>								
	21/01/2025 08:04 AM	0	0	0	0	Dosing	2.27	287
	21/01/2025 08:16 AM	0	0	0	0	Dosing	2.03	296
	21/01/2025 09:37 AM	29.6	0	0	0	Fumigation	3.91	49
	21/01/2025 09:41 PM	32.6	0	0	0	Fumigation	1.46	276
	22/01/2025 12:28 PM	23.4	0	0	0	Fumigation	6.77	82
	22/01/2025 12:42 PM	0.642	503	0.323	0	Initial Purging	6.48	60
	22/01/2025 12:49 PM	0.545	503	0.274	0	Initial Purging	4.49	117
	22/01/2025 12:56 PM	0.524	503	0.264	0	Initial Purging	2.93	101
	22/01/2025 01:03 PM	0.633	503	0.318	0	Initial Purging	4.52	104
	22/01/2025 01:10 PM	0.787	503	0.396	0	Initial Purging	12.29	148
	22/01/2025 01:17 PM	0.358	503	0.18	0	Initial Purging	19.66	160
	22/01/2025 01:24 PM	0.738	503	0.371	0	Initial Purging	20.76	158
	22/01/2025 01:31 PM	0.94	503	0.473	0	Initial Purging	21.39	157
	22/01/2025 01:38 PM	0.389	503	0.196	0.289	Initial Purging	22.07	159
	22/01/2025 01:45 PM	0.57	503	0.287	0.321	Initial Purging	23.31	160
	22/01/2025 01:52 PM	0.764	503	0.384	0.328	Initial Purging	25.56	156
	22/01/2025 01:59 PM	0.566	503	0.285	0.329	Initial Purging	26.56	163
	22/01/2025 02:06 PM	0.433	503	0.218	0.324	Initial Purging	27.26	172
	22/01/2025 02:13 PM	0.738	503	0.371	0.329	Initial Purging	27.36	166

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**Fumigation Gas Reading Log**

**Selected Dates: 21/01/2025 and 23/01/2025**

22/01/2025 02:20 PM	0.5	503	0.252	0.313	Initial Purging	28.34	159
22/01/2025 02:27 PM	0.581	503	0.292	0.326	Initial Purging	30.51	168
22/01/2025 02:34 PM	0.328	503	0.165	0.303	Initial Purging	28.17	166
22/01/2025 02:41 PM	0.495	503	0.249	0.278	Initial Purging	24.67	165
22/01/2025 02:48 PM	0.468	503	0.235	0.272	Initial Purging	24.42	164
22/01/2025 02:55 PM	0.177	503	0.089	0.239	Initial Purging	27.01	167
22/01/2025 03:02 PM	0.625	503	0.314	0.243	Initial Purging	24.87	167
22/01/2025 03:09 PM	0.198	503	0.1	0.23	Initial Purging	22.58	162
22/01/2025 03:16 PM	0.277	503	0.139	0.204	Initial Purging	22.03	167
22/01/2025 03:23 PM	0.276	503	0.139	0.191	Initial Purging	21.67	168
22/01/2025 03:30 PM	0.62	503	0.312	0.194	Initial Purging	21.22	166
22/01/2025 03:37 PM	0.528	503	0.266	0.205	Initial Purging	20.36	166
22/01/2025 03:44 PM	0.492	503	0.247	0.205	Initial Purging	18.98	164
22/01/2025 03:52 PM	0.298	503	0.15	0.195	Initial Purging	17.85	154
22/01/2025 03:59 PM	0.393	503	0.198	0.207	Initial Purging	18.86	153
22/01/2025 04:06 PM	0.673	503	0.339	0.21	Initial Purging	17.85	165
22/01/2025 04:13 PM	0.456	503	0.229	0.224	Initial Purging	19.41	164
22/01/2025 04:20 PM	0.225	503	0.113	0.221	Initial Purging	22.87	160
22/01/2025 04:27 PM	0.217	503	0.109	0.218	Initial Purging	22.91	163
22/01/2025 04:34 PM	0.599	503	0.301	0.217	Initial Purging	20.92	160
22/01/2025 04:41 PM	0.607	503	0.305	0.221	Initial Purging	18.24	161
22/01/2025 04:48 PM	0.275	503	0.138	0.209	Initial Purging	18.99	162
22/01/2025 04:55 PM	0.408	503	0.205	0.215	Initial Purging	20.86	159

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**Fumigation Gas Reading Log**

**Selected Dates: 21/01/2025 and 23/01/2025**

22/01/2025 05:02 PM	0.419	503	0.211	0.217	Initial Purging	20.86	160
22/01/2025 05:09 PM	0.425	503	0.214	0.203	Initial Purging	20.46	162
22/01/2025 05:16 PM	0.627	503	0.315	0.212	Initial Purging	20.54	164
22/01/2025 05:23 PM	0.418	503	0.21	0.223	Initial Purging	19.94	165
22/01/2025 05:30 PM	0.258	503	0.13	0.226	Initial Purging	19.08	167
22/01/2025 05:37 PM	0.406	503	0.204	0.215	Initial Purging	19.72	165
22/01/2025 05:44 PM	0.556	503	0.28	0.212	Initial Purging	21.02	162
22/01/2025 05:51 PM	0.631	503	0.317	0.232	Initial Purging	18.99	165
22/01/2025 05:58 PM	0.212	503	0.107	0.221	Initial Purging	17.26	162
22/01/2025 06:05 PM	0.483	503	0.243	0.224	Initial Purging	16.2	165
22/01/2025 06:12 PM	0.19	503	0.096	0.211	Initial Purging	16.67	165
22/01/2025 06:19 PM	0.448	503	0.225	0.201	Initial Purging	18.16	164
22/01/2025 06:26 PM	0.333	503	0.167	0.197	Initial Purging	19.13	169
22/01/2025 06:33 PM	0.258	503	0.13	0.197	Initial Purging	19.46	164
22/01/2025 06:40 PM	0.426	503	0.214	0.198	Initial Purging	17.73	160
22/01/2025 06:47 PM	0.429	503	0.216	0.191	Initial Purging	17.46	166
22/01/2025 06:54 PM	0.457	503	0.23	0.181	Initial Purging	17.03	175
22/01/2025 07:01 PM	0.177	503	0.089	0.179	Initial Purging	15.86	169
22/01/2025 07:08 PM	0.425	503	0.214	0.176	Initial Purging	15.46	162
22/01/2025 07:15 PM	0.499	503	0.251	0.193	Initial Purging	15.22	165
22/01/2025 07:23 PM	0.401	503	0.202	0.19	Initial Purging	15.32	167
22/01/2025 07:30 PM	0.199	503	0.1	0.183	Initial Purging	16.51	165
22/01/2025 07:37 PM	0.356	503	0.179	0.188	Initial Purging	17.16	161

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**Selected Dates: 21/01/2025 and 23/01/2025**

22/01/2025 07:44 PM	0.242	503	0.122	0.178	Initial Purging	14.61	166
22/01/2025 07:51 PM	0.344	503	0.173	0.173	Purging	11.31	163
22/01/2025 07:58 PM	0.168	503	0.085	0.157	Purging	13.04	161
22/01/2025 08:05 PM	0.257	503	0.129	0.162	Purging	14.78	164
22/01/2025 08:12 PM	0.338	503	0.17	0.157	Purging	15.25	169
22/01/2025 08:19 PM	0.256	503	0.129	0.143	Purging	16.32	169
22/01/2025 08:26 PM	0.26	503	0.131	0.135	Purging	17.38	165
22/01/2025 08:33 PM	0.234	503	0.118	0.137	Purging	18.05	161
22/01/2025 08:40 PM	0.177	503	0.089	0.127	Purging	17.56	166
22/01/2025 08:47 PM	0.224	503	0.113	0.126	Purging	18.54	172
22/01/2025 08:54 PM	0.108	503	0.054	0.113	Purging	18.5	174
22/01/2025 09:01 PM	0.426	503	0.214	0.128	Purging	18.01	175
22/01/2025 09:08 PM	0.463	503	0.233	0.139	Purging	16.61	175
22/01/2025 09:15 PM	0.384	503	0.193	0.142	Purging	16.33	172
22/01/2025 09:22 PM	0.396	503	0.199	0.149	Purging	14.84	180
22/01/2025 09:29 PM	0.393	503	0.198	0.157	Purging	13.88	190
22/01/2025 09:36 PM	1.163	503	0.585	0.209	Purging	15.01	191
22/01/2025 09:43 PM	0.976	503	0.491	0.253	Purging	15.7	188
22/01/2025 09:50 PM	0.572	503	0.288	0.273	Purging	15.87	180
22/01/2025 09:57 PM	0.467	503	0.235	0.293	Purging	14.22	172
22/01/2025 10:04 PM	0.598	503	0.301	0.302	Purging	13.87	181
22/01/2025 10:11 PM	0.473	503	0.238	0.303	Purging	14.05	191
22/01/2025 10:18 PM	0.358	503	0.18	0.302	Purging	15.37	179

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**Selected Dates: 21/01/2025 and 23/01/2025**

22/01/2025 10:25 PM	0.369	503	0.186	0.3	Purging	16.63	172
22/01/2025 10:32 PM	0.106	503	0.053	0.284	Purging	16.22	169
22/01/2025 10:39 PM	0.4	503	0.201	0.241	Purging	18.5	162
22/01/2025 10:46 PM	0.396	503	0.199	0.209	Purging	17.54	163
22/01/2025 10:54 PM	0.359	503	0.181	0.197	Purging	15.32	170
22/01/2025 11:01 PM	0.326	503	0.164	0.189	Purging	14.96	178
22/01/2025 11:08 PM	0.46	503	0.231	0.181	Purging	14.63	173
22/01/2025 11:15 PM	0.52	503	0.262	0.184	Purging	14.55	170
22/01/2025 11:22 PM	0.191	503	0.096	0.175	Purging	15.27	178
22/01/2025 11:29 PM	1.436	503	0.722	0.234	Purging	13.26	184
22/01/2025 11:36 PM	1.494	503	0.751	0.312	Purging	13.08	177
22/01/2025 11:43 PM	0.537	503	0.27	0.32	Purging	15.18	173
22/01/2025 11:50 PM	0.262	503	0.132	0.312	Purging	14.4	186
22/01/2025 11:57 PM	0.533	503	0.268	0.322	Purging	13.57	190
23/01/2025 12:04 AM	0.495	503	0.249	0.331	Purging	13.66	189
23/01/2025 12:11 AM	0.405	503	0.204	0.328	Purging	13.21	186
23/01/2025 12:18 AM	0.234	503	0.118	0.312	Purging	12.82	194
23/01/2025 12:25 AM	0.347	503	0.175	0.321	Purging	13.3	197
23/01/2025 12:32 AM	0.38	503	0.191	0.262	Purging	12.9	196
23/01/2025 12:39 AM	0.305	503	0.153	0.196	Purging	13.8	189
23/01/2025 12:46 AM	0.336	503	0.169	0.184	Purging	12.19	181
23/01/2025 12:53 AM	1.503	503	0.756	0.254	Purging	12.51	175
23/01/2025 01:00 AM	1.241	503	0.624	0.293	Purging	13.04	167



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**Selected Dates: 21/01/2025 and 23/01/2025**

23/01/2025 01:07 AM	0.851	503	0.428	0.313	Purging	15.02	165
23/01/2025 01:14 AM	0.872	503	0.439	0.339	Purging	18.32	171
23/01/2025 01:21 AM	0.727	503	0.366	0.367	Purging	18.29	170
23/01/2025 01:28 AM	0.65	503	0.327	0.384	Purging	16.52	162
23/01/2025 01:35 AM	0.254	503	0.128	0.377	Purging	16.26	169
23/01/2025 01:42 AM	0.56	503	0.282	0.391	Purging	16.07	172
23/01/2025 01:49 AM	0.495	503	0.249	0.4	Purging	16.65	167
23/01/2025 01:56 AM	0.526	503	0.265	0.345	Purging	17.58	160
23/01/2025 02:03 AM	0.288	503	0.145	0.292	Purging	15.67	159
23/01/2025 02:10 AM	0.227	503	0.114	0.257	Purging	16.37	159
23/01/2025 02:17 AM	0.294	503	0.148	0.225	Purging	16.12	168
23/01/2025 02:25 AM	0.496	503	0.249	0.212	Purging	17.2	168
23/01/2025 02:32 AM	0.227	503	0.114	0.188	Purging	19.22	160
23/01/2025 02:39 AM	0.192	503	0.097	0.185	Purging	19.75	154
23/01/2025 02:46 AM	0.195	503	0.098	0.164	Purging	18.73	149
23/01/2025 02:53 AM	1.551	503	0.78	0.223	Purging	17.8	150
23/01/2025 03:00 AM	1.094	503	0.55	0.255	Purging	17.55	156
23/01/2025 03:07 AM	0.75	503	0.377	0.281	Purging	17.24	158
23/01/2025 03:14 AM	0.255	503	0.128	0.282	Purging	16.03	158
23/01/2025 03:21 AM	0.24	503	0.121	0.279	Purging	16.27	154
23/01/2025 03:28 AM	0.316	503	0.159	0.269	Purging	16.2	157
23/01/2025 03:35 AM	0.103	503	0.052	0.262	Purging	15.1	156
23/01/2025 03:42 AM	0.199	503	0.1	0.263	Purging	14.43	154

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**Fumigation Gas Reading Log**

**Selected Dates: 21/01/2025 and 23/01/2025**

23/01/2025 03:49 AM	0.233	503	0.117	0.265	Purging	15.41	159
23/01/2025 03:56 AM	0.449	503	0.226	0.203	Purging	15.81	153
23/01/2025 04:03 AM	0.208	503	0.105	0.154	Purging	15.63	147
23/01/2025 04:10 AM	0.191	503	0.096	0.123	Purging	15.3	148
23/01/2025 04:17 AM	0.086	503	0.043	0.113	Purging	16.23	147
23/01/2025 04:24 AM	1.365	503	0.687	0.176	Purging	15.78	148
23/01/2025 04:31 AM	0.985	503	0.495	0.213	Purging	15.36	150
23/01/2025 04:38 AM	0.661	503	0.332	0.245	Purging	14.63	145
23/01/2025 04:45 AM	0.251	503	0.126	0.247	Purging	14.55	143
23/01/2025 04:52 AM	0.235	503	0.118	0.248	Purging	15.76	141
23/01/2025 04:59 AM	0.196	503	0.099	0.234	Purging	16.34	137
23/01/2025 05:06 AM	0.187	503	0.094	0.232	Purging	17.04	133
23/01/2025 05:13 AM	0.191	503	0.096	0.232	Purging	17.29	131
23/01/2025 05:20 AM	0.162	503	0.081	0.237	Purging	18.99	135
23/01/2025 05:27 AM	0.219	503	0.11	0.172	Purging	18.71	140
23/01/2025 05:34 AM	0.159	503	0.08	0.126	Purging	16.39	136
23/01/2025 05:41 AM	0.149	503	0.075	0.098	Purging	16.05	135
23/01/2025 05:48 AM	0.147	503	0.074	0.092	Purging	16.29	146
23/01/2025 05:56 AM	1.231	503	0.619	0.148	Purging	17.27	146
23/01/2025 06:03 AM	0.934	503	0.47	0.189	Purging	16.62	145
23/01/2025 06:10 AM	0.629	503	0.316	0.213	Purging	15.13	145
23/01/2025 06:17 AM	0.195	503	0.098	0.214	Purging	15.2	145
23/01/2025 06:24 AM	0.28	503	0.141	0.22	Purging	14.52	144

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**Selected Dates: 21/01/2025 and 23/01/2025**

23/01/2025 06:31 AM	0.165	503	0.083	0.217	Purging	15.09	138
23/01/2025 06:38 AM	1.15	503	0.578	0.273	Purging	17.07	139
23/01/2025 06:45 AM	0.169	503	0.085	0.274	Purging	15.2	144
23/01/2025 06:52 AM	0.125	503	0.063	0.273	Purging	14.02	149
23/01/2025 06:59 AM	0.34	503	0.171	0.223	Purging	14.74	146
23/01/2025 07:06 AM	0.101	503	0.051	0.176	Purging	15.57	141
23/01/2025 07:13 AM	0.102	503	0.051	0.147	Purging	15.92	136
23/01/2025 07:20 AM	0.34	503	0.171	0.155	Purging	13.17	136
23/01/2025 07:27 AM	0.096	503	0.048	0.145	Purging	12.34	139
23/01/2025 07:34 AM	0.967	503	0.486	0.189	Purging	14.26	136
23/01/2025 07:41 AM	0	503	0	0.125	Paused	14.72	134
23/01/2025 07:48 AM	0	503	0	0.116	Paused	14.78	132
23/01/2025 07:55 AM	0	503	0	0.109	Paused	14.25	128
23/01/2025 08:02 AM	0	503	0	0.09	Paused	13.74	127
23/01/2025 08:09 AM	0	503	0	0.084	Paused	13.16	130
23/01/2025 08:16 AM	0	503	0	0.078	Paused	12.48	131
23/01/2025 08:23 AM	0.12	503	0.06	0.066	Purging	11.07	127
23/01/2025 08:30 AM	0.043	503	0.022	0.063	Purging	10.69	127
23/01/2025 08:37 AM	0.064	503	0.032	0.013	Purging	11.82	129
23/01/2025 08:44 AM	0.029	503	0.015	0.014	Purging	12.11	128
23/01/2025 08:51 AM	0.025	503	0.013	0.016	Purging	11.03	128
23/01/2025 08:58 AM	0.034	503	0.017	0.018	Purging	10.59	129
23/01/2025 09:05 AM	0.025	503	0.013	0.019	Purging	10.44	130





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**Selected Dates: 21/01/2025 and 23/01/2025**

23/01/2025 09:12 AM	0.015	503	0.008	0.02	Purging	10.15	134
23/01/2025 09:19 AM	0.579	503	0.291	0.052	Purging	10.06	136
23/01/2025 09:27 AM	0.571	503	0.287	0.077	Purging	9.14	133
23/01/2025 09:34 AM	0.573	503	0.288	0.107	Purging	9.37	129
23/01/2025 09:41 AM	0.586	503	0.295	0.136	Purging	9.66	130
23/01/2025 09:48 AM	0.644	503	0.324	0.171	Purging	9.53	129
23/01/2025 09:55 AM	0.729	503	0.367	0.21	Purging	9.34	129
23/01/2025 10:02 AM	0.767	503	0.386	0.251	Purging	9.5	130
23/01/2025 10:09 AM	0.768	503	0.386	0.292	Purging	9.73	133
23/01/2025 10:16 AM	0.802	503	0.403	0.336	Purging	9.37	142
23/01/2025 10:23 AM	0.826	503	0.415	0.35	Purging	8.83	142
23/01/2025 10:30 AM	0.821	503	0.413	0.364	Purging	10.08	131
23/01/2025 10:37 AM	0.73	503	0.367	0.373	Purging	10.07	127
23/01/2025 10:44 AM	0.542	503	0.273	0.37	Purging	9.68	130
23/01/2025 10:51 AM	0.404	503	0.203	0.357	Purging	9.64	131
23/01/2025 10:58 AM	0.317	503	0.159	0.334	Purging	9.81	134
23/01/2025 11:05 AM	0.849	503	0.427	0.339	Purging	11	134
23/01/2025 11:12 AM	0.839	503	0.422	0.343	Purging	12.4	134
23/01/2025 11:19 AM	0.845	503	0.425	0.345	Purging	12.15	139
23/01/2025 11:26 AM	0.813	503	0.409	0.344	Purging	10.85	142
23/01/2025 11:33 AM	0.797	503	0.401	0.343	Purging	11.02	133
23/01/2025 11:40 AM	0.734	503	0.369	0.343	Purging	12.31	126
23/01/2025 11:47 AM	0.654	503	0.329	0.349	Purging	12.31	134

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**Selected Dates: 21/01/2025 and 23/01/2025**

23/01/2025 11:54 AM	0.496	503	0.249	0.354	Purging	11.71	138
23/01/2025 12:01 PM	0.301	503	0.151	0.354	Purging	11.72	132
23/01/2025 12:08 PM	0.554	503	0.279	0.337	Purging	11.77	134
23/01/2025 12:15 PM	0.52	503	0.262	0.319	Purging	12.13	131
23/01/2025 12:22 PM	0.438	503	0.22	0.297	Purging	12.14	132
23/01/2025 12:29 PM	0.396	503	0.199	0.273	Purging	12.23	130
23/01/2025 12:36 PM	0.34	503	0.171	0.248	Purging	12.23	133
23/01/2025 12:43 PM	0.281	503	0.141	0.223	Purging	11.8	133
23/01/2025 12:50 PM	0.233	503	0.117	0.199	Purging	10.91	132
23/01/2025 12:58 PM	0.192	503	0.097	0.182	Purging	10.01	128
23/01/2025 01:05 PM	0.154	503	0.077	0.174	Purging	9.04	127
23/01/2025 01:12 PM	0.122	503	0.061	0.149	Purging	9.17	128
23/01/2025 01:19 PM	0.104	503	0.052	0.126	Purging	10.3	126
23/01/2025 01:26 PM	0.08	503	0.04	0.106	Purging	10.32	124
23/01/2025 01:33 PM	0.054	503	0.027	0.087	Purging	9.37	120
23/01/2025 01:40 PM	0.044	503	0.022	0.071	Purging	8.96	119
23/01/2025 01:47 PM	0.116	503	0.058	0.061	Purging	8.93	123
23/01/2025 01:54 PM	0.088	503	0.044	0.053	Purging	8.65	126
23/01/2025 02:01 PM	0.061	503	0.031	0.046	Purging	8.66	126
23/01/2025 02:08 PM	0.047	503	0.024	0.04	Purging	9.6	132
23/01/2025 02:15 PM	0.03	503	0.015	0.035	Purging	9.85	130
23/01/2025 02:22 PM	0.019	503	0.01	0.03	Purging	9.63	125