QUATTRO PORTS

Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

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: CL101								
	16/06/2025 08:55 AM	0	0	0	0	Dosing	3.12	288
	16/06/2025 09:09 AM	0	0	0	0	Dosing	1.86	293
	16/06/2025 09:23 AM	0	0	0	0	Dosing	1.79	303
	16/06/2025 09:37 AM	0	0	0	0	Dosing	1.96	290
	16/06/2025 09:51 AM	0	0	0	0	Fumigation	1.54	241
	16/06/2025 10:05 AM	0.925	0	0	0	Fumigation	2.91	90
	16/06/2025 10:19 AM	17.625	0	0	0	Fumigation	2.63	91
	16/06/2025 10:33 AM	22.35	0	0	0	Fumigation	3.94	87
	16/06/2025 10:47 AM	28.25	0	0	0	Fumigation	4.27	38
	16/06/2025 11:01 AM	21.5	0	0	0	Fumigation	5.12	44
	16/06/2025 11:15 AM	10.675	0	0	0	Fumigation	3.81	16
	16/06/2025 11:29 AM	9.05	0	0	0	Fumigation	4.2	59
	16/06/2025 11:44 AM	11.175	0	0	0	Fumigation	5.22	44
	16/06/2025 11:58 AM	14.525	0	0	0	Fumigation	6.25	19
	16/06/2025 12:12 PM	16.925	0	0	0	Fumigation	6.52	46
	16/06/2025 12:26 PM	15.8	0	0	0	Fumigation	5.97	69
	16/06/2025 12:40 PM	14.4	0	0	0	Fumigation	7.26	46
	16/06/2025 12:54 PM	12.525	0	0	0	Fumigation	5.96	23
	16/06/2025 01:08 PM	10.925	0	0	0	Fumigation	6.58	32

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

16/06/2025 01:22 PM	12.275	0	0	0	Fumigation	7.71	25
16/06/2025 01:36 PM	13.075	0	0	0	Fumigation	7.8	26
16/06/2025 01:50 PM	12.725	0	0	0	Fumigation	7.37	45
16/06/2025 02:04 PM	11.775	0	0	0	Fumigation	6.87	43
16/06/2025 02:18 PM	10.65	0	0	0	Fumigation	7.79	26
16/06/2025 02:32 PM	10.15	0	0	0	Fumigation	6.39	38
16/06/2025 02:46 PM	9.6	0	0	0	Fumigation	6.3	66
16/06/2025 03:00 PM	10.25	0	0	0	Fumigation	6.85	26
16/06/2025 03:15 PM	10.175	0	0	0	Fumigation	6.18	15
16/06/2025 03:29 PM	11.025	0	0	0	Fumigation	7.17	106
16/06/2025 03:43 PM	10.975	0	0	0	Fumigation	6.17	53
16/06/2025 03:57 PM	11.6	0	0	0	Fumigation	6.53	56
16/06/2025 04:11 PM	12.225	0	0	0	Fumigation	7.54	11
16/06/2025 04:25 PM	11.6	0	0	0	Fumigation	4.46	290
16/06/2025 04:39 PM	9.05	0	0	0	Fumigation	3.76	312
16/06/2025 04:53 PM	8.4	0	0	0	Fumigation	3.48	335
16/06/2025 05:07 PM	8.1	0	0	0	Fumigation	2.41	288
16/06/2025 05:21 PM	8.025	0	0	0	Fumigation	3.17	214
16/06/2025 05:35 PM	7.6	0	0	0	Fumigation	4.13	121
16/06/2025 05:49 PM	8.4	0	0	0	Fumigation	4.87	143
16/06/2025 06:03 PM	9.15	0	0	0	Fumigation	3.34	239
16/06/2025 06:17 PM	7.55	0	0	0	Fumigation	3.73	212
16/06/2025 06:31 PM	7.65	0	0	0	Fumigation	3.38	289

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

16/06/2025 06:46 PM	7.55	0	0	0	Fumigation	3.74	314
16/06/2025 07:00 PM	7.8	0	0	0	Fumigation	3.27	299
16/06/2025 07:14 PM	8.025	0	0	0	Fumigation	1.91	273
16/06/2025 07:28 PM	7.375	0	0	0	Fumigation	1.98	216
16/06/2025 07:42 PM	7.375	0	0	0	Fumigation	2.23	159
16/06/2025 07:56 PM	6.85	0	0	0	Fumigation	2.7	326
16/06/2025 08:10 PM	5.775	0	0	0	Fumigation	3.8	309
16/06/2025 08:24 PM	5.475	0	0	0	Fumigation	4.09	299
16/06/2025 08:38 PM	5.1	0	0	0	Fumigation	4.28	300
16/06/2025 08:52 PM	5.575	0	0	0	Fumigation	4.61	299
16/06/2025 09:06 PM	5.25	0	0	0	Fumigation	3.89	312
16/06/2025 09:20 PM	5.4	0	0	0	Fumigation	3.71	302
16/06/2025 09:34 PM	5.475	0	0	0	Fumigation	3.13	286
16/06/2025 09:48 PM	5.125	0	0	0	Fumigation	3.04	266
16/06/2025 10:02 PM	5.05	0	0	0	Fumigation	3.96	273
16/06/2025 10:17 PM	5.025	0	0	0	Fumigation	5.78	281
16/06/2025 10:31 PM	5.625	0	0	0	Fumigation	5.77	285
16/06/2025 10:45 PM	4.7	0	0	0	Fumigation	3.1	252
16/06/2025 10:59 PM	5.05	0	0	0	Fumigation	3.94	247
16/06/2025 11:13 PM	4.575	0	0	0	Fumigation	3.87	244
16/06/2025 11:27 PM	5.225	0	0	0	Fumigation	4.28	254
16/06/2025 11:41 PM	5.075	0	0	0	Fumigation	3.57	235
16/06/2025 11:55 PM	4.975	0	0	0	Fumigation	7.76	268

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

17/06/2025 12:09 AM	5.175	0	0	0	Fumigation	5.64	271
17/06/2025 12:23 AM	4.55	0	0	0	Fumigation	2.69	256
17/06/2025 12:37 AM	3.975	0	0	0	Fumigation	2.8	284
17/06/2025 12:51 AM	4.25	0	0	0	Fumigation	2.86	224
17/06/2025 01:05 AM	4.775	0	0	0	Fumigation	2.83	47
17/06/2025 01:19 AM	4.925	0	0	0	Fumigation	2.9	36
17/06/2025 01:33 AM	4.925	0	0	0	Fumigation	2	140
17/06/2025 01:48 AM	4.075	0	0	0	Fumigation	3.14	89
17/06/2025 02:02 AM	4.375	0	0	0	Fumigation	2.58	118
17/06/2025 02:16 AM	4.075	0	0	0	Fumigation	2.45	64
17/06/2025 02:30 AM	4.3	0	0	0	Fumigation	2.34	138
17/06/2025 02:44 AM	4.475	0	0	0	Fumigation	2.36	288
17/06/2025 02:58 AM	4.25	0	0	0	Fumigation	3.3	160
17/06/2025 03:12 AM	4.35	0	0	0	Fumigation	4.1	191
17/06/2025 03:26 AM	3.775	0	0	0	Fumigation	3.78	237
17/06/2025 03:40 AM	4.2	0	0	0	Fumigation	4.47	306
17/06/2025 03:54 AM	4.35	0	0	0	Fumigation	2.81	220
17/06/2025 04:08 AM	3.25	0	0	0	Fumigation	4.89	144
17/06/2025 04:22 AM	4.225	0	0	0	Fumigation	3.83	232
17/06/2025 04:36 AM	3.5	0	0	0	Fumigation	3.9	325
17/06/2025 04:50 AM	2.975	0	0	0	Fumigation	4.17	327
17/06/2025 05:04 AM	3.1	0	0	0	Fumigation	3.72	312
17/06/2025 05:19 AM	2.9	0	0	0	Fumigation	3.13	286

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

17/06/2025 05:33 AM	4.475	0	0	0	Fumigation	4.01	281
17/06/2025 05:47 AM	3.75	0	0	0	Fumigation	2.61	275
17/06/2025 06:01 AM	3.45	0	0	0	Fumigation	4.8	276
17/06/2025 06:15 AM	3.15	0	0	0	Fumigation	5.32	288
17/06/2025 06:29 AM	3.575	0	0	0	Fumigation	4.03	294
17/06/2025 06:43 AM	3.425	0	0	0	Fumigation	3.9	303
17/06/2025 06:57 AM	3.975	0	0	0	Fumigation	2.07	265
17/06/2025 07:11 AM	4	0	0	0	Fumigation	1.3	248
17/06/2025 07:25 AM	3.625	0	0	0	Fumigation	3.02	249
17/06/2025 07:39 AM	3.475	0	0	0	Fumigation	5.15	277
17/06/2025 07:53 AM	3.75	0	0	0	Fumigation	4.64	285
17/06/2025 08:07 AM	4	0	0	0	Fumigation	5.37	296
17/06/2025 08:21 AM	3.975	0	0	0	Fumigation	4.43	308
17/06/2025 08:35 AM	4.55	0	0	0	Fumigation	4.19	308
17/06/2025 08:50 AM	4.025	0	0	0	Fumigation	3.69	282
17/06/2025 09:04 AM	4.95	0	0	0	Fumigation	2.27	285
17/06/2025 09:18 AM	5.225	0	0	0	Fumigation	3.03	272
17/06/2025 09:32 AM	5.55	0	0	0	Fumigation	2.32	182
17/06/2025 09:46 AM	6	0	0	0	Fumigation	5.47	305
17/06/2025 10:00 AM	0	0	0	0	Fumigation	6.21	319
17/06/2025 10:14 AM	3.175	0	0	0	Fumigation	7.75	317
17/06/2025 10:28 AM	3.7	0	0	0	Fumigation	6.96	289
17/06/2025 10:42 AM	3.225	0	0	0	Fumigation	7.42	291

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

17/06/2025 10:56 AM	4.2	0	0	0	Fumigation	6.68	279
17/06/2025 11:10 AM	3.225	0	0	0	Fumigation	6.35	312
17/06/2025 11:24 AM	3.7	0	0	0	Fumigation	4.72	299
17/06/2025 11:38 AM	3.775	0	0	0	Fumigation	10.32	288
18/06/2025 07:46 AM	0.147	503	0.074	0	Initial Purging	7.48	273
18/06/2025 07:58 AM	0.132	503	0.066	0	Initial Purging	8.11	271
18/06/2025 08:10 AM	0.132	503	0.066	0	Initial Purging	6.94	279
18/06/2025 08:22 AM	0.116	503	0.058	0	Initial Purging	7.36	281
18/06/2025 08:34 AM	0.139	503	0.07	0	Initial Purging	6.83	277
18/06/2025 08:46 AM	0.213	503	0.107	0.067	Initial Purging	4.36	269
18/06/2025 08:58 AM	0.132	503	0.066	0.066	Initial Purging	3.35	269
18/06/2025 09:10 AM	0.134	503	0.067	0.066	Initial Purging	1.78	240
18/06/2025 09:22 AM	0.133	503	0.067	0.066	Initial Purging	2.73	263
18/06/2025 09:34 AM	0.117	503	0.059	0.066	Initial Purging	3.17	233
18/06/2025 09:46 AM	0.114	503	0.057	0.063	Initial Purging	4.53	221
18/06/2025 09:58 AM	0.11	503	0.055	0.061	Initial Purging	4.51	241
18/06/2025 10:10 AM	0.11	503	0.055	0.059	Initial Purging	3.98	229
18/06/2025 10:22 AM	0.11	503	0.055	0.056	Purging	3.91	214
18/06/2025 10:35 AM	0.174	503	0.088	0.062	Purging	3.95	236
18/06/2025 10:47 AM	0.437	503	0.22	0.095	Purging	3.01	237
18/06/2025 10:59 AM	0.506	503	0.255	0.135	Purging	3.29	217
18/06/2025 11:11 AM	0.534	503	0.269	0.177	Purging	1.99	198
18/06/2025 11:23 AM	0.61	503	0.307	0.228	Purging	1.18	213

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

18/06/2025 11:35 AM	0.618	503	0.311	0.272	Purging	1.34	198
18/06/2025 11:47 AM	0.625	503	0.314	0.291	Purging	2.17	103
18/06/2025 11:59 AM	0.591	503	0.297	0.3	Purging	3.2	91
18/06/2025 12:11 PM	0.612	503	0.308	0.307	Purging	3.58	90
18/06/2025 12:23 PM	0.633	503	0.318	0.31	Purging	3.15	54
18/06/2025 12:35 PM	0.612	503	0.308	0.309	Purging	3.41	58
18/06/2025 12:47 PM	0.612	503	0.308	0.308	Purging	3.3	64
18/06/2025 12:59 PM	0.594	503	0.299	0.308	Purging	4.05	51
18/06/2025 01:11 PM	0.612	503	0.308	0.308	Purging	4.09	33
18/06/2025 01:23 PM	0.595	503	0.299	0.304	Purging	3.9	32
18/06/2025 01:35 PM	0.608	503	0.306	0.304	Purging	4.07	41
18/06/2025 01:47 PM	0.611	503	0.307	0.304	Purging	4.95	54
18/06/2025 01:59 PM	0.613	503	0.308	0.306	Purging	3.95	28
18/06/2025 02:11 PM	0.654	503	0.329	0.31	Purging	3.47	49
18/06/2025 02:23 PM	0.595	503	0.299	0.31	Purging	4.63	25
18/06/2025 02:35 PM	0.592	503	0.298	0.308	Purging	4.17	30
18/06/2025 02:47 PM	0.573	503	0.288	0.305	Purging	4.97	42
18/06/2025 02:59 PM	0.601	503	0.302	0.303	Purging	3.9	48
18/06/2025 03:11 PM	0.591	503	0.297	0.297	Purging	3.19	59
18/06/2025 03:23 PM	0.573	503	0.288	0.295	Purging	3.06	43
18/06/2025 03:35 PM	0.572	503	0.288	0.293	Purging	2.77	53
18/06/2025 03:47 PM	0.574	503	0.289	0.293	Purging	3.29	67
18/06/2025 03:59 PM	0.541	503	0.272	0.287	Purging	5.01	42

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

18/06/2025 04:11 PM	0.582	503	0.293	0.286	Purging	4.37	52
18/06/2025 04:23 PM	0.568	503	0.286	0.285	Purging	3.54	28
18/06/2025 04:36 PM	0.536	503	0.27	0.282	Purging	3.76	46
18/06/2025 04:48 PM	0.574	503	0.289	0.282	Purging	3.34	47
18/06/2025 05:00 PM	0.557	503	0.28	0.283	Purging	3.03	68
18/06/2025 05:12 PM	0.527	503	0.265	0.278	Purging	2.89	43
18/06/2025 05:24 PM	0.539	503	0.271	0.275	Purging	1.9	181
18/06/2025 05:36 PM	0.566	503	0.285	0.278	Purging	3.35	303
18/06/2025 05:48 PM	0.557	503	0.28	0.276	Purging	2.78	286
18/06/2025 06:00 PM	0.513	503	0.258	0.272	Purging	1.97	262
18/06/2025 06:12 PM	0.52	503	0.262	0.271	Purging	1.92	277
18/06/2025 06:24 PM	0.519	503	0.261	0.269	Purging	1.46	282
18/06/2025 06:36 PM	0.519	503	0.261	0.264	Purging	3.39	283
18/06/2025 06:48 PM	0.499	503	0.251	0.259	Purging	3.17	279
18/06/2025 07:00 PM	0.494	503	0.248	0.257	Purging	2.37	262
18/06/2025 07:12 PM	0.482	503	0.242	0.253	Purging	2.24	229
18/06/2025 07:24 PM	0.466	503	0.234	0.247	Purging	1.98	231
18/06/2025 07:36 PM	0.427	503	0.215	0.238	Purging	2.02	234
18/06/2025 07:48 PM	0.414	503	0.208	0.23	Purging	2.44	256
18/06/2025 08:00 PM	0.408	503	0.205	0.221	Purging	2.4	273
18/06/2025 08:12 PM	0.366	503	0.184	0.209	Purging	1.51	274
18/06/2025 08:24 PM	0.341	503	0.172	0.197	Purging	3.24	277
18/06/2025 08:36 PM	0.336	503	0.169	0.188	Purging	4.35	278

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

18/06/2025 08:48 PM	0.322	503	0.162	0.178	Purging	4.05	275
18/06/2025 09:00 PM	0.304	503	0.153	0.168	Purging	4.2	280
18/06/2025 09:12 PM	0.274	503	0.138	0.159	Purging	4.35	282
18/06/2025 09:24 PM	0.279	503	0.14	0.152	Purging	3.91	275
18/06/2025 09:36 PM	0.233	503	0.117	0.142	Purging	3.12	272
18/06/2025 09:48 PM	0.224	503	0.113	0.132	Purging	4.71	280
18/06/2025 10:00 PM	0.212	503	0.107	0.123	Purging	4.77	275
18/06/2025 10:12 PM	0.218	503	0.11	0.117	Purging	4.73	285
18/06/2025 10:24 PM	0.205	503	0.103	0.11	Purging	4.75	283
18/06/2025 10:37 PM	0.213	503	0.107	0.108	Purging	3.86	271
18/06/2025 10:49 PM	0.232	503	0.117	0.109	Purging	2.7	270
18/06/2025 11:01 PM	0.479	503	0.241	0.136	Purging	1.18	235
18/06/2025 11:13 PM	0.439	503	0.221	0.158	Purging	1.59	258
18/06/2025 11:25 PM	0.386	503	0.194	0.176	Purging	1.72	241
18/06/2025 11:37 PM	0.356	503	0.179	0.19	Purging	3.02	276
18/06/2025 11:49 PM	0.306	503	0.154	0.198	Purging	3.23	279
19/06/2025 12:01 AM	0.278	503	0.14	0.177	Purging	2.29	294
19/06/2025 12:13 AM	0.247	503	0.124	0.158	Purging	1.98	260
19/06/2025 12:25 AM	0.231	503	0.116	0.143	Purging	3.05	257
19/06/2025 12:37 AM	0.214	503	0.108	0.128	Purging	3.29	251
19/06/2025 12:49 AM	0.205	503	0.103	0.118	Purging	3.09	260
19/06/2025 01:01 AM	0.187	503	0.094	0.109	Purging	3.43	267
19/06/2025 01:13 AM	0.172	503	0.087	0.102	Purging	2.98	266

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

19/06/2025 01:25 AM	0.166	503	0.083	0.095	Purging	2.42	285
19/06/2025 01:37 AM	0.159	503	0.08	0.089	Purging	1.88	275
19/06/2025 01:49 AM	0.173	503	0.087	0.086	Purging	2.25	272
19/06/2025 02:01 AM	0.144	503	0.072	0.082	Purging	3.46	268
19/06/2025 02:13 AM	0.139	503	0.07	0.079	Purging	3.83	273
19/06/2025 02:25 AM	0.145	503	0.073	0.076	Purging	3.52	270
19/06/2025 02:37 AM	0.128	503	0.064	0.073	Purging	3.93	258
19/06/2025 02:49 AM	0.124	503	0.062	0.069	Purging	3.84	275
19/06/2025 03:01 AM	0.115	503	0.058	0.066	Purging	3.79	279
19/06/2025 03:13 AM	0.119	503	0.06	0.064	Purging	4.59	266
19/06/2025 03:25 AM	0.113	503	0.057	0.06	Purging	4.37	264
19/06/2025 03:37 AM	0.109	503	0.055	0.058	Purging	3.89	268
19/06/2025 03:49 AM	0.105	503	0.053	0.056	Purging	4.21	284
19/06/2025 04:01 AM	0.096	503	0.048	0.054	Purging	4.11	306
19/06/2025 04:13 AM	0.089	503	0.045	0.052	Purging	3.27	314
19/06/2025 04:25 AM	0.089	503	0.045	0.049	Purging	2.11	310
19/06/2025 04:38 AM	0.087	503	0.044	0.047	Purging	2.25	262
19/06/2025 04:50 AM	0.079	503	0.04	0.044	Purging	2.31	245
19/06/2025 05:02 AM	0.078	503	0.039	0.043	Purging	2.93	258
19/06/2025 05:14 AM	0.078	503	0.039	0.041	Purging	3.18	275
19/06/2025 05:26 AM	0.072	503	0.036	0.04	Purging	5.49	279
19/06/2025 05:38 AM	0.073	503	0.037	0.038	Purging	5.7	279
19/06/2025 05:50 AM	0.071	503	0.036	0.037	Purging	3.25	265

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

19/06/2025 06:02 AM	0.066	503	0.033	0.036	Purging	3.55	266
19/06/2025 06:14 AM	0.064	503	0.032	0.035	Purging	3.2	249
19/06/2025 06:26 AM	0.063	503	0.032	0.034	Purging	3.92	258
19/06/2025 06:38 AM	0.059	503	0.03	0.032	Purging	4	278
19/06/2025 06:50 AM	0.063	503	0.032	0.032	Purging	3.81	278
19/06/2025 07:02 AM	0.051	503	0.026	0.03	Purging	3.55	273
19/06/2025 07:14 AM	0.049	503	0.025	0.029	Purging	2.93	299
19/06/2025 07:26 AM	0.046	503	0.023	0.027	Purging	1.63	271
19/06/2025 07:38 AM	0.047	503	0.024	0.026	Purging	2.12	257
19/06/2025 07:50 AM	0.052	503	0.026	0.025	Purging	3.35	282
19/06/2025 08:02 AM	0.044	503	0.022	0.024	Purging	3.04	277
19/06/2025 08:14 AM	0.044	503	0.022	0.024	Purging	4.17	285
19/06/2025 08:26 AM	0.04	503	0.02	0.023	Purging	3.02	290
19/06/2025 08:38 AM	0.035	503	0.018	0.022	Purging	2.88	290
19/06/2025 08:50 AM	0.035	503	0.018	0.02	Purging	3.09	296
19/06/2025 09:02 AM	0.036	503	0.018	0.019	Purging	1.76	299
19/06/2025 09:14 AM	0.031	503	0.016	0.018	Purging	2.24	260
19/06/2025 09:26 AM	0.028	503	0.014	0.017	Purging	3.7	280
19/06/2025 09:38 AM	0.049	503	0.025	0.018	Purging	2.98	286
19/06/2025 09:50 AM	0.033	503	0.017	0.018	Purging	2.18	261
19/06/2025 10:02 AM	0.033	503	0.017	0.017	Purging	3.26	277
19/06/2025 10:14 AM	0.029	503	0.015	0.017	Purging	2.95	298
19/06/2025 10:26 AM	0.028	503	0.014	0.017	Purging	2.15	165

Fumigation Gas Reading Log

Selected Dates: 16/06/2025 and 19/06/2025

	19/06/2025 10:39 AM	0.03	503	0.015	0.015	Purging	2.67	53
	19/06/2025 10:51 AM	0.03	503	0.015	0.015	Purging	4.14	32
	19/06/2025 11:03 AM	0.04	503	0.02	0.016	Purging	5.45	167
	19/06/2025 11:15 AM	0.025	503	0.013	0.015	Purging	6.03	250
	19/06/2025 11:27 AM	0.025	503	0.013	0.015	Purging	7.11	211
	19/06/2025 11:39 AM	0.02	503	0.01	0.014	Purging	7.86	143
	19/06/2025 11:51 AM	0.024	503	0.012	0.013	Purging	6.65	95
	19/06/2025 12:03 PM	0	503	0	0.009	Purging	6.91	230